

## GAIRDNER FOUNDATION AWARDS, 1968

The following five Awards for 1968 have been made in Toronto.

**DR. BRUCE CHOWN**, University of Manitoba, Winnipeg, Manitoba, for his valuable contributions to the knowledge of human blood groups and particularly for his work on the diagnosis, treatment, and prevention of haemolytic disease of the newborn.

**PROF. JAMES LEARMONT GOWANS**, Oxford University, in recognition of his contribution to a better understanding of the fate of the lymphocyte and its function in immune reactions.

**DR. GEORGE H. HITCHINGS**, Burroughs-Wellcome & Co. (U.S.A.), for his leadership in the development of

metabolic inhibitors by systematic chemical modification of biological important compounds.

**DR. JAQUES OUDIN**, Institute Pasteur, Paris, in recognition of his contribution to immunochemistry through his analysis of antigen-antibody reactions in gelled media, and of his discovery of genetic variations in the structure of immunoglobulins.

**DR. J. EDWIN SEEGMILLER**, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, for his elucidation of a number of inborn errors of metabolism, and in particular for his discovery of an enzyme defect (phosphoribosyltransferase deficiency) in a neurological disease characterized by mental retardation, behavioural disturbances, and over-production of uric acid.

## LIGUE INTERNATIONALE CONTRE LE RHUMATISME

*XII International Congress, 1969*

The XII International Congress of Rheumatology will be held as arranged in Prague, Czechoslovakia, on October 6-11, 1969. Information regarding the scientific and social programmes and arrangements for accommodation will be sent to all applicants. Contributors to the scientific sessions will receive a special form on which the summary

should be typed. These short summaries\* (not more than 200 words) should be sent in as soon as possible and *not later than February 28, 1969*.

President: Prof. F. Lenoch.

Secretary: Dr. A. Susta, Sokolska 31, Praha 2, Czechoslovakia.

\* Summaries from British contributors should be sent to the Secretary of the British Branch of the International League, Faraday House, 8-10 Charing Cross Road, London, W.C.2, by January 20, 1969.

## EUROPEAN LEAGUE AGAINST RHEUMATISM

*VII European Conference, 1971*

The VII Conference of the European League against Rheumatism will be held at The Dome, Brighton, from June 7 to 11, 1971.

All enquiries should be sent to the secretary of the

British Branch of the European League:

Mr. M. C. G. Andrews, Faraday House, 8-10 Charing Cross Road, London, W.C.2.

## ABSTRACTS

There is no Abstracts Section in this, the last issue for 1968, to avoid delay in preparing the Annual Index (see pp. 620, 631).

There will be the usual comprehensive selection of abstracts from the world literature in the next issue, January 1969.

# INDEX TO VOLUME XXVII, 1968

\* indicates an abstract or a contribution to a discussion.

- Absenteeism in industry, 565  
— and rheumatic complaints, 446  
Acid, ascorbic, 71  
—, hyaluronic, 264  
—, depolymerization of, 71  
—, serum uric, and alcohol intake, 319  
—, —, and body bulk, 319  
—, —, and haemoglobin, 319  
—, —, in Polynesian populations, 319  
—, uric, metabolism of, \*287  
—, —, studies of, \*476  
Acidosis, latent renal tubular, 27  
ACTH, diurnal rhythm after, 10  
— and hypothalamo-pituitary-adrenal function, 7  
— therapy in Still's disease, 286  
Adult, Still's disease in, 146  
Agammaglobulinaemia, \*295  
Age and mobility of human finger joints, 175  
—, old, muscular enzymes in, \*291  
—, —, urinary hydroxyproline in, \*291  
AHO, K.: *see* Salo, O. P., etc., 261  
AHVONEN, P.: *see* Salo, O. P., etc., 261  
Alcohol intake and serum uric acid, 319  
ALEXANDER, W. R. M., \*285, \*477, \*580  
Amethopterin in connective tissue disease, 64  
Amyloidosis, gastrointestinal, 245  
—, human, serum immunological levels in, 531  
— of Still's disease, 137  
Anaemia and ACTH therapy, 420  
—, nature of, in rheumatoid arthritis, 345  
—, —, in rheumatoid arthritis, 414  
—, pernicious, and rheumatoid arthritis, 454  
ANDERSON, J. A. D.: *see* Partridge, R. E. H., etc., 441  
Ankylosing spondylitis: *see* Spondylitis, ankylosing  
Ankylosis, bony, in gout, 67  
*Annals of the Rheumatic Diseases*, editorial changes, 178  
ANSELL, B. M., \*283, \*284, \*285, \*286 *quater*, \*289  
—: *see* Smith, M. E., etc., 137  
Antibodies, complement-fixing, 241  
Anti-gamma globulin factors in synovial membrane, 122  
Antinuclear factors, granulocyte specific, 225  
— in rheumatoid arthritis, 406  
AQUARON, R., \*291  
ARDEN, G. P., \*286  
ARDEMAN, S.: *see* Carter, M. E., etc., 454  
ARNOT, R., \*476  
Arteries, calcification of, 370  
Arteritis, temporal, clinical and biopsy findings in, 271  
Arthritis, adjuvant, gold salts in, \*477  
—, —, in rat, 577  
—, degenerative, synovial fluid in, 572  
—, experimental, \*296  
— of familial Mediterranean fever, \*295  
—, gonococcal, 158  
— and gonorrhoea, 156  
—, microcrystalline, \*288  
— after neuromuscular paretic lesions, \*297  
—, psoriatic, 1, 245  
—, purulent, of hip, \*290  
—, rheumatoid, 333  
—, —, anaemia in, 345, 414  
—, —, anti-inflammatory drugs in, \*282  
—, —, antinuclear factors in, 406  
—, —, arthroscopy of knee in, 505  
—, —, artificial finger joints in, 207, \*476  
—, —, azathioprine in, \*296  
—, —, chronic neck lesions in, \*284  
—, —, chronicity of inflammation in, 105  
—, —, clinical studies in, 457  
—, —, corticosteroid therapy in, 353  
—, —, early, \*289  
—, —, folate metabolism in, 414  
—, —, ibuprofen in, 457  
—, —, iron in, 49  
—, —, — synovium, 38  
—, —, lymphocyte DNA and RNA content in, 170  
—, —, and pernicious anaemia, 454  
—, —, plasma and, 425  
—, —, and prednisone therapy, 33  
—, —, renal abnormalities in, 339  
—, —, serology of, \*290  
—, —, serum in, 225  
—, —, — levels in, 431  
—, —, staphylococcal septicaemia in, \*290  
—, —, and synacthen test, 33  
—, —, synovial fluid in, 225, 571  
—, —, and syphilis, 261  
—, tenosynovitis, and agammaglobulinaemia, \*295  
Arthropathy of idiopathic haemochromatosis, \*294  
— in renal failure, \*295  
Arthroscopy, 503  
Aspirin and hyaluronic acid, 264  
AUQUIER, L., \*290 *bis*  
Australian Rheumatism Association, Melbourne, 1967, \*295  
AXELROD, J., \*80  
BACKHOUSE, K. M., \*476 *bis*  
BACON, P. A., DALY, J. R., MYLES, A. B., and SAVAGE, O.: Hypothalamo-pituitary-adrenal function in patients on long-term adrenocorticotrophin therapy, 7  
BALAZS, N.: *see* Senator, G. B., 49  
BALL, J., \*290, \*291, \*476, \*477  
BALLANTYNE, D. A., \*179  
BALME, H. WYKEHAM, \*293  
BARLOW, K., \*294  
BARNES, C. G.: *see* Hughes, G. R., etc., 67  
BARNETT, C. H., and COBBOLD, A. F.: Effects of age upon the mobility of human finger joints, 175  
BECK, P., \*288  
*Bedsonia* and ankylosing spondylitis, 241  
— and Reiter's syndrome, 234, 241  
BEIDER, L., \*181  
BEIGHTON, P., GUMPEL, J. M., and CORNES, N. G. M.: Prodromal trigeminal sensory neuropathy in progressive systemic sclerosis, 367  
BELL, G.: *see* Onge, R. A. St., etc., 163  
BENOIST, M., \*288, \*289, \*293

- BEVAN, A. T., DUNNILL, M. S., and HARRISON, M. J. G.: Clinical and biopsy findings in temporal arteritis, 271
- BLOCH-MICHEL, H., \*288
- BLOCK, S. R., GIBBS, C. B., STEVENS, M. B., and SHULMAN, L. E.: Delayed hypersensitivity in systemic lupus erythematosus, 311
- Blood groups in ankylosing spondylitis, 472
- BLUESTONE, R., \*288, \*476, \*542  
—: see Cooper, A., 537
- BOARDMAN, P. L., \*282, \*283 quinter  
—: see Robertson, M. D. J., etc., 253
- Body bulk and serum uric acid, 319
- BONOMO, L., TURSI, A., and GILLARDI, U.: Distribution of the anti-gamma globulin factors in the synovial membrane and other tissues in various diseases, 122
- BOOK REVIEWS:**
- ANDERSON, J. R., BUCHANAN, W. W., and GOUDIE, R. B.: Autoimmunity, Clinical and Experimental (1967), 79
- BRUNER, J. M., CURTIS, R. M., GOSSET, J., HAKSTIAN, R. W., HUESTON, J. T., LITTLER, J. W., MICHON, J., MILLESI, H., NÉZELOF, C., SHAW, M., SKOOG, T., THOMINE, J.-M., and TUBIANA, R.: Maladie de Dupuytren (Dupuytren's Contracture) (1967), 278
- BUCHANAN, W. W., and IRVINE, W. J. (editors): Symposium on Autoimmunity and Genetics (1967), 378
- CHAPCHAL, G. (editor): Synovectomy and Arthroplasty in Rheumatoid Arthritis (2nd International Symposium, 1967), (1967), 279
- COPEMAN, W. S. C.: Arthritis and Rheumatism (1967), 178
- COSTE, F.: Progrès en rhumatologie (1968), 278
- DUTHIE, J. J. R., and ALEXANDER, W. R. M. (editors): Medical Monographs. 3. Rheumatic Diseases (1968), 377
- ENGLEMAN, E. P. (editor): Handbook of the International League against Rheumatism (4th ed.), 298
- ERICSON, S.: The Parotid Gland in Subjects with and without Rheumatoid Arthritis (1968), *Acta Radiologica: Suppl.* 275, 474.
- FLATT, A. E.: Care of the Rheumatoid Hand (2nd ed., 1963), 610
- GSCHWEND, N.: Die operative Behandlung der progressiven chronischen Polyarthritis (ed. A. Böni and K. Vainio, 1968), 611
- MARMOR, L.: Surgery of Rheumatoid Arthritis (1967), 77
- QUEROL, J. ROTÉS, and GOMEZ, J. MUÑOZ: La Gota (Gout) (1968), 378
- SANDIFER, P. H.: Neurology in Orthopaedics (1968), 378
- SÈZE, S. DE (editor): L'actualité rhumatologique présentée au praticien (1967), 278
- , RYCKEWAERT, J., and KAHN, M.-F. (editors): L'actualité rhumatologique 1966 présentée au praticien (Current Rheumatology for the Practitioner, 1966) (1966), 78
- Studies of Rheumatoid Disease: Proceedings of the Third Canadian Conference on Research in the Rheumatic Diseases, Toronto, 1965 (1966), 78
- TICHY, H., and SEIDEL, K. (editors): Beiträge zur Rheumatologie Vol. XI (1967), 77
- , —, (editors): Beiträge zur Rheumatologie, Vol. XII (1967), 474
- BOUCHIER, I. A. D., 478
- : see Jayson, M. I. V., 219
- BOURBIER, \*293
- BOYD, D. H. A., and RAWLES, J. M.: Arterial calcification in association with a connective tissue disorder, 370
- BOYLE, J. A., \*287 bis  
—: see Jasani, M. K., etc., 352
- : see Onge, R. A. St., etc., 163
- Brazil, VII Rheumatology Congress, Rio de Janeiro, 1968, 297
- BREMNER, J. M., LAWRENCE, J. S., and MIAULL, W. E.: Degenerative joint disease in a Jamaican rural population, 326
- BREWERTON, D. A., \*295
- British Council for the Rehabilitation of the Disabled, Brighton, 1968, 297
- BROWN, A. ROWATT, \*294
- BUCHANAN, K. D., \*287
- BUCHANAN, W. W., \*25, \*287  
—: see Jasani, M. K., etc., 352, 457
- BULGER, R. J., HEALEY, L. A., and POLINSKY, P.: Renal abnormalities in rheumatoid arthritis, 339
- BYWATERS, E. G. L., \*283, \*284 ter, \*285 bis, \*287, \*288 bis, \*291, \*292, \*293 bis, \*294, \*475, \*476 bis, \*477 bis, \*478 bis  
—: see Smith, M. E., etc., 137
- CALNAN, J. S., 476 quater
- and REIS, N. D.: Artificial finger joints in rheumatoid arthritis. I. Development and experimental assessment, 207
- CARTER, M. E., ARDEMAN, S., WINOCOUR, V., PERRY, J., and CHANARIN, I.: Rheumatoid arthritis and pernicious anaemia, 454
- Cartilage, adult human articular, chondrocyte ultrastructure in, 544
- , fibrillated, 548
- , non-fibrillated, 548
- , wearing of, 518
- CATHCART, E. S.: see Partain, J. O., etc., 156
- CAUGHEY, D. E., \*179 bis
- Ceruloplasmin in synovial fluid, 71
- CHALMERS, T. M., \*283, \*477
- CHAMBERLAIN, M. A., \*290, \*291
- CHAMPION, G. D., \*296 ter
- , ROBERTSON, M. R., and ROBINSON, R. G.: Rheumatoid pleurisy and pericarditis, 521
- CHANARIN, I.: see Carter, M. E., etc., 454
- Chondrocyte ultrastructure, 544
- CHOURAKI, L., \*293
- : see Coste, F., etc., 360
- Chromosomes and synovial cell structure, 597
- Civil servants, rheumatism in, 559
- CLAESENS, H. E.: see Veys, E. M., 431
- CLARK, C. J. M., \*283
- CLARRIS, B. J., and FRASER, J. R. E.: Relationship between chromosomal changes and alterations in the behaviour of a strain of human synovial cells during its life history *in vitro*, 597
- Clinical trial of new analgesic, \*296
- COBBOLD, A. F. see Barnett, C. A., 175
- COHEN, A. S.: see Partain, J. O., etc., 156
- Colitis, ulcerative, 219
- , —, in ankylosing spondylitis, \*478
- CONGRESSES:**
- Australian Rheumatism Association, Melbourne, 1967, 295
- VII Brasilian Rheumatology Congress, Rio de Janeiro, 1968, 297

- British Council for the Rehabilitation of the Disabled, Brighton, 1968, 297  
 European League against Rheumatism, Lisbon, 1967, 80  
 European League against Rheumatism. VII European Conference, Brighton, 1971, 612  
 French-Italian-Swiss Rheumatological Days, 1968, 297  
 Ligue Internationale contre le Rhumatisme, Prague, 1969, 298, 612  
 Nederlandse Vereniging van Rheumatologen, Amsterdam, 1968, 479  
 New Zealand Rheumatism Association, 1967, 179  
 South African Rheumatism and Arthritis Association, Durban, Officers, 1967, 80  
 S.E. Asia and Pacific Area League against Rheumatism, Bombay, 1968, 479  
 Third Nuffield Conference on Rheumatism, Oxford, 1967, 297  
 Connective tissue diseases, \*476  
 ——, free immunoglobulin light chains in, 537  
 —— disorders and arterial calcification, 370  
 COOPER, A., \*476  
 —— and BLUESTONE, R.: Free immunoglobulin light chains in connective tissue diseases, 537  
 COPP, D. H., \*80  
 CORNES, N. G. M.: *see* Beighton, P., etc., 367  
 Corticosteroid, maintenance therapy in Still's disease, 286  
 —— therapy, 352  
 COSH, J. A., \*290, \*291 bis  
 COSTE, F., \*290, \*293 bis  
 ——, MAROTEAUX, P., and CHOURAKI, L.: Osteodysplasty (Melnick and Needles' syndrome), 360  
 COTTON, R. C., and JOHNSON, F. L.: Plasma antiheparin activity and the heparin precipitable fraction of plasma in rheumatoid arthritis, 425  
 COUGHMAN, K. G., \*181 bis  
 CURREY, H. L. F., \*285 bis, \*289, \*294, \*477, 478  
 ——: *see* Jessop, J. D., 577
- DALY, J. R.: *see* Bacon, P. A., etc., 7  
 DASTUGUE, B., \*290  
 DAVIES, D. J., KENNEDY, A., and SALUJA, P. G.: Significance of the urinary excretion of cells after experimental medullary necrosis, 130  
 DELBARRE, F., 287  
 DENMAN, A. M.: *see* Denman, E. J., 582  
 DENMAN, E. J., and DENMAN, A. M.: The lymphocyte transformation test and gold hypersensitivity, 582  
 DICK, W. CARSON: *see* Jasani, M. K., etc., 352  
 ——: *see* Onge, R. A. St., etc., 163  
 Disk degeneration, 327  
 DIXON, A. St. J., \*24, \*282, \*285, \*289, \*290 bis  
 ——: *see* Jayson, M. I. V., 503  
 Dockers, rheumatism in, 559  
 DOUGLAS, W., \*296  
 DOWNIE, W. W.: *see* Ferguson, A., 245  
 ——: *see* Jasani, M. K., etc., 457  
 DOWSON, D.: *see* Walker, P. S., etc., 512  
 Drug addiction in rheumatic diseases, \*296  
 DUNNILL, M. S.: *see* Bevan, A. T., etc., 271  
 DUNLOP, E. M. C., HARPER, I. A., and JONES, B. R.: Sero-negative polyarthritides. The *Bedsenia (Chlamydia)* group of agents and Reiter's disease, 234  
 Dutch Society of Rheumatologists, Amsterdam, 1968, 479  
 DUTHIE, J. J. R., \*283, \*289, \*477, \*478  
 ——: *see* Partridge, R. E. H., etc., 441, 559  
 ——, conferral of Professorship, 379
- DUVE, C. R., DE, \*80  
 Dysplasia, inherited skeletal, 360
- EHRLICH, G. E., \*289, \*295 bis  
 EISINGER, J. B., \*291  
 Elbow joint, synovial rupture of, 604  
 ELLING, P.: Antinuclear factors in rheumatoid arthritis. Increasing organ-non-specificity with increasing reactivity of rheumatoid factor with heterologous gamma globulin, 407  
 ——, GRAUDAL, H., and FABER, V.: Granulocyte-specific antinuclear factors in serum and synovial fluid in rheumatoid arthritis, 225
- Enzymes, muscular, \*291  
 EPSTEIN, W. V., \*286  
 European League against Rheumatism, Lisbon, 1967, 80  
 —— ——. VII European Conference, Brighton, 1971, 612  
 EVANS, J., GRIMLEY, PRIOR, I. A. M., and HARVEY, H. P. B.: Relation of serum uric acid to body bulk, haemoglobin, and alcohol intake in two South Pacific Polynesian populations, 319
- FABER, V.: *see* Elling, P., etc., 225  
 FELL, S. C., \*293  
 FERGUSON, A., and DOWNTON, W. W.: Gastro-intestinal amyloidosis in psoriatic arthritis, 245  
 FERGUSON, I., \*295  
 FESSEL, W. J.: Myopathy of hypothyroidism, 590  
 Fibrin in synovial membrane, 126  
 Finger joints, artificial, 207  
 ——, mobility of, 175  
 Fluorescence, patterns of, in synovial membrane, 123  
 Folate levels, 420  
 FOLDES, F. F., \*293  
 FOREST, G. DE, \*284  
 FRANÇOIS, R. J.: *see* Meijers, K. A. E., etc., 333  
 FRASER, J. R. E.: *see* Clarris, B. J., 597  
 FRASER, R., \*296  
 French-Italian-Swiss Rheumatological Days, 1968, 297  
 FRIEDMAN, M., \*286 bis
- Gairdner Foundation Awards, 1967, 80; 1968, 612  
 GALLAGHER, H., \*295  
 Gamma globulin, heterologous, 406  
 GARDNER, D. L., \*291, \*292  
 Gastrointestinal involvement in scleroderma, \*288  
 GIBBS, C. B.: *see* Block, S. R., etc., 311  
 GILLARDI, U.: *see* Bonomo, L., etc., 122  
 GLASS, H. I., \*476  
 GLAUERT, A. M., \*292  
 GLEN, A. C. A., and JASANI, M. K.: Lymphocyte DNA and RNA content in rheumatoid arthritis, 170  
 GLYN, J., \*289  
 GLYNN, L. E.: The chronicity of inflammation and its significance in rheumatoid arthritis, 105  
 Gold hypersensitivity, 582  
 —— salts in adjuvant arthritis, \*477, 577  
 GOLDING, D. N., \*475 bis, \*476, \*477, \*478  
 Gonorrhoea and arthritis, 156  
 GOODE, J. D.: Synovial rupture of the elbow joint, 604  
 Gout, bony ankylosis in, 67  
 —— and heredity, \*287  
 ——, primary, metabolism in, \*287  
 ——, sulphobromophthalein retention in, 19  
 ——, synovial fluid in, 572  
 GRAHAME, R., \*24, \*25  
 ——, HASLAM, R. M., and SCOTT, J. T.: Sulphobromophthalein retention in gout and asymptomatic hyperuricaemia, 19

- GRAUDAL, H.: *see* Elling, P., etc., 225  
 GRAY, H. W., \*287  
 GREEN, F. A.: Distal interphalangeal joint disease and nail abnormalities, 55  
 GULDBERG, D.: *see* Kornstad, A. M. Grønvik, etc., 472  
 GUMPEL, J. M.: *see* Beighton, P., etc., 367
- Haemochromatosis, 42  
 —, idiopathic, \*294  
 Haemoglobin and serum uric acid, 319  
 HAMILTON, E., \*294 *quater*, \*295  
 HAMRIN, B., JONSSON, N., and HELLSTEN, S.: "Polymyalgia arteritica". Further clinical and histopathological studies with a report of six autopsy cases, 397  
 Hand, rheumatoid, chronic diffuse oedema of, 167  
 —, —, extensor expansion in, \*476  
 —, —, synovial swelling of, \*289  
 HARPER, I. A.: *see* Dunlop, E. M. C., etc., 234  
 HARRIS, G., \*296  
 HARRISON, M. J. G.: *see* Bevan, A. T., etc., 271  
 HART, F. DUDLEY, \*282, \*283 bis, \*293, \*580  
 —: *see* Robertson, M. D. J., etc., 253  
 HARVEY, H. P. B.: *see* Evans, J. Grimley, etc., 319  
 HASLAM, R. M.: *see* Grahame, R., etc., 19  
 HAWKINS, C. F.: *see* Holt, P. J. L., etc., 264  
 HEALEY, L. A.: *see* Bulger, R. J., etc., 339  
 Heart disease, rheumatoid, \*295  
 Heberden Oration, 1967 (L. E. Glynn): The chronicity of inflammation and its significance in rheumatoid arthritis, 105  
 HEBERDEN SOCIETY:  
     Annual Report, 1967, 279  
     Officers, 1968, 79, 282  
     Programme, 1968, 79, 282  
     Clinical Meetings:  
         June, 1967, 282  
         November, 1967, 287  
         March, 1968, 475  
 HELLSTEN, S.: *see* Hamrin, B., etc., 397  
 Heparin fraction in plasma, 425  
 Heredity and gout, \*287  
 HICKLIN, J. A., and WILLS, M. R.: Plasma "cortisol" response to synacthen in patients on long-term small-dose prednisone therapy, 33  
 HIGHTON, T. C., \*179 bis  
 Hip joint, Paget's disease in, \*476  
 —, purulent arthritis of, \*290  
 —, transient idiopathic osteoporosis of, \*295  
 —, —, osteoporosis of, 463  
 HOFFBRAND, V., \*288  
 HOLBOROW, E. J., \*286  
 HOLLINGSWORTH, W. J., \*284  
 HOLLOWAY, V. P., \*476  
 HOLT, P. J. L., \*288, \*292 bis, \*295, \*476, \*477  
 —, How, M. J., LONG, V. J. W., and HAWKINS, C. F.: Mucopolysaccharides in synovial fluid. Effect of aspirin and indomethacin on hyaluronic acid, 264  
 HOTHERSALL, T. E.: *see* Mowat, A. G., 345  
 HOW, M. J.: *see* Holt, P. J. L., etc., 264  
 HUBAULT, A., \*292, \*294  
 HUGHES, G. R., BARNES, C. G., and MASON, R. M.: Bony ankylosis in gout, 67  
 Hydroxyproline, urinary, \*291  
 Hypermobility syndrome, \*285  
 Hypersensitivity, delayed, 311  
 Hyperuricaemia, sulphobromophthalein retention in, 19  
 Hypothalamo-pituitary-adrenal axis suppression, 352  
 — function and ACTH, 7  
 Hypothyroidism, myopathy of, 590
- Ibuprofen in rheumatoid arthritis, 457  
 Immune responses, suppression of, \*285  
 Immunoglobulin, light chains, 537  
 Immunological sex differences, 285  
 — studies, \*285 bis, \*287 bis, \*476  
 Indometacin and hyaluronic acid, 264  
 Iron in articular cartilage, 51  
 — foundries, rheumatic complaints in, 441  
 — in joint disorders, 51  
 — in synovial membrane, 38, 49  
 — in synovial tissue, 345  
 — in synovium, 49  
 ISDALE, I. C., \*179 bis
- JACKSON, I. M. D., \*287  
 JAFFE, I. A., and MERRYMAN, P.: Effect of increased serum sulphhydryl content on titre of rheumatoid factor, 14  
 JAJIĆ, I.: Radiological changes in the sacro-iliac joints and spine of patients with psoriatic arthritis and psoriasis, 1  
 Jamaica, degenerative joint disease in, 326  
 JASANI, M. K., \*287  
 —, BOYLE, J. A., DICK, W. CARSON, WILLIAMSON, J., TAYLOR, A. K., and BUCHANAN, W. WATSON: Corticosteroid-induced hypothalamo-pituitary-adrenal axis suppression. Prospective study using two regimens of corticosteroid therapy, 352  
 —, DOWNIE, W. WILSON, SAMUELS, B. M., and BUCHANAN, W. WATSON: Ibuprofen in rheumatoid arthritis. Clinical study of analgesic and anti-inflammatory activity, 457  
 —: *see* Glen, A. C. A., 170  
 JAYSON, M. I. V., \*478 octem  
 — and BOUCHIER, I. A. D.: Ulcerative colitis with ankylosing spondylitis, 219  
 — and DIXON, A. St. J.: Arthroscopy of the knee in rheumatic diseases, 503  
 JESSOP, J. D., \*477, \*580  
 — and CURREY, H. L. F.: Influence of gold salts on adjuvant arthritis in the rat, 577  
 JOHNSON, F. L.: *see* Cotton, R. C., 425  
 Joint disease, degenerative, in Jamaica, 326  
 —, diseases of, and iron in synovium, 38  
 —, —, iron in, 49  
 —, distal interphalangeal, disease of, 55  
 —, elbow, synovial rupture of, 604  
 —, finger, 175, 207  
 —, —, artificial, \*476  
 —, knee, 163  
 —, rheumatoid, pathology of, \*296  
 —, —, synovial membrane of, 109  
 —, sacro-iliac, radiological changes in, 1  
 Joints, inflamed, serology of, \*296  
 —, peripheral, ligamentous laxity in, \*296  
 —, synovial, boosted lubrication in, 512  
     *See also:* Finger; Hip; Knee; Shoulder  
 JONES, B. R.: *see* Dunlop, E. M. C., etc., 234  
 JONSSON, N.: *see* Hamrin, B., etc., 397
- KALLIONÄKI, J. L., and VÄSTÄMÄKI, M.: Chronic diffuse oedema of the rheumatoid hand. A sign of local lymphatic involvement, 167  
 KATES, A., \*284  
 KAY, A., \*289 *quater*  
 KELLGREN, J. H., \*287, \*290, \*476 bis  
 KEMP, J. F., \*296  
 KENNEDY, A.: *see* Davies, D. J., etc., 130  
 KERSLEY, G. D., \*286

- : Amethopterin (methotrexate) in connective tissue disease—psoriasis and polyarthritis, 64  
 —: Phenformin (Dibotin) in polyarthritis, 374  
 Kidney, abnormalities of, in rheumatoid arthritis, 339  
 —, function of, 249  
 KINSELLA, T. D., NORTON, W. L., and ZIFF, M.: Complement-fixing antibodies to *Bedsonia* organisms in Reiter's syndrome and ankylosing spondylitis, 241  
 KIRK, J. A., \*285  
 Knee, arthroscopy of, 503  
 — joint, radioactive xenon in synovial cavity of, 163  
 KOADLOW, L., \*297 *bis*  
 KORNSTAD, A. M. GRØNVIK, KORNSTAD, L., and GULDBERG, D.: Blood groups in ankylosing spondylitis, 472  
 KORNSTAD, L.: *see* Kornstad, A. M. Grønvik, etc., 472  
 Lactate dehydrogenase, isoenzyme patterns in, 569  
 — in synovial fluid, 569  
 — —, total activity in, 569  
 LAING, J. K., \*179  
 LAWRENCE, J. S., \*284, \*285, \*289  
 —: *see* Bremner, J. M., etc., 326  
 LEQUESNE, M., \*295  
 —: Transient osteoporosis of the hip. A nontraumatic variety of Sudeck's atrophy, 463  
 Lesion, neuromuscular paretic, \*297  
 Ligue Internationale contre le Rhumatisme, Prague, 1969, 298, 612  
 Lipoid dermato-arthritis, clinical and metabolic studies of, \*475  
 LONG, V. J. W.: *see* Holt, P. J. L., etc., 264  
 LONGFIELD, M. D.: *see* Walker, P. S., etc., 512  
 Lubrication of synovial joints, 512  
 Lupus erythematosus, systemic, delayed hypersensitivity in, 311  
 Lymph, local involvement, of rheumatoid hand, 167  
 Lymphadenopathy, rheumatoid, 253  
 Lymphangiography, 254  
 Lymphocyte transformation test, 582  
 McCARTHY, M. A.: *see* Partridge, R. E. H., etc., 441  
 MACINTYRE, I., \*80  
 MCKIDDIE, M., \*287  
 MACMAHON, M., \*288  
 MARKHAM, R., \*285  
 MAROTEAUX, P., \*293  
 —: *see* Coste, F., etc., 360  
 MARTEL, W., \*283, \*284, \*285  
 MASON, R. M., \*293  
 —: *see* Hughes, G. R., etc., 67  
 MATHEWS, J. A., 478  
 MAULE, R., \*181  
 MEACHIM, G.: *see* Roy, S., 544  
 MEADOW, H.: *see* Oreskes, I., etc., 60  
 Mediterranean fever, familial, \*295  
 MEIJERS, \*293  
 —, VOSS, S. F. C., HEERMA VAN, and FRANÇOIS, R. J.: Radiological changes in the cervical spine in ankylosing spondylitis, 333  
 Melnick and Needles' syndrome, \*293, 360  
 MERRYMAN, P.: *see* Jaffe, I. A., 14  
 Metabolism in primary gout, \*287  
 MIAULL, W. E.: *see* Bremner, J. M., etc., 326  
 MILAZZO, S. C., \*296  
 MILLS, K., \*296  
 MOLONEY, P., \*280  
 MONK-JONES, E., \*285  
 MOWAT, A. G., and HOTHERSALL, T. E.: Nature of anaemia in rheumatoid arthritis. VIII. Iron content of synovial tissue in patients with rheumatoid arthritis and in normal individuals, 345  
 —: *see* Omer, A., 414  
 MUCKLE, T. J.: Serum immunoconglutinin levels in human amyloidosis and myelomatosis, 531  
 Mucopolysaccharides in synovial fluid, 264  
 MUIRDEN, K. D., \*292, \*294, \*296  
 — and SENATOR, G. B.: Iron in the synovial membrane in rheumatoid arthritis and other joint diseases, 38  
 —: *see* Senator, G. B., 49  
 MUSTARD, J. FRASER, \*80  
 Myelomatosis, serum immunoconglutinin levels in, 531  
 MYERS, D. B., \*179 *bis*  
 MYERS, G. N., \*284  
 MYLES, A. B.: *see* Bacon, P. A., etc., 7  
 Myopathy of hypothyroidism, 590  
 Nail, abnormalities of, 55  
 NEALE, G., \*288  
 Neck lesions in chronic rheumatoid arthritis, \*284  
 Necrosis, experimental medullary, 130  
 Nephrotic syndrome and probenecid, 249  
 Neuropathy, prodromal trigeminal sensory, 367  
 New Zealand Rheumatism Association, Annual Conference, 1967, 179  
 NIEDERMEIER, W.: Inhibition of ascorbic-acid-induced depolymerization of hyaluronic acid by ceruloplasmin in synovial fluid, 71  
 NIRENBERG, M., \*80  
 NORTON, W. L.: *see* Kinsella, T. D., etc., 241  
 NUKI, G.: *see* Robertson, M. D. J., etc., 253  
 OBITUARY:  
 ROBECCHI, A., 181  
 O'BRIEN, P. K.: *see* Scott, J. T., 249  
 O'BRIEN, W., \*284  
 Oedema, chronic diffuse, of rheumatoid hand, 167  
 —, hereditary periodic, \*293  
 OMER, A., and MOWAT, A. G.: Nature of anaemia in rheumatoid arthritis. IX. Folate metabolism in patients with rheumatoid arthritis, 414  
 ONGE, R. A. St., DICK, W. C., BELL, G., and BOYLE, J. A.: Radioactive xenon ( $^{133}\text{Xe}$ ) disappearance rates from the synovial cavity of the human knee joint in normal and arthritic subjects, 163  
 ORESKES, I., ROSENBLATT, S., SPIERA, H., and MEADOW, H.: Rheumatoid factors in an acute psychiatric population, 60  
 Osteo-arthritis, 333  
 Osteo-arthrosis, 327  
 Osteodysplasty, \*293, 360  
 Osteoporosis, transient, of hip, 463  
 —, —, idiopathic, \*295  
 Osteotomy, treatment of, \*476  
 Paget's disease, \*476  
 PALADE, G. E., \*80  
 PALMER, D. G., \*180 *bis*  
 PAOLAGGI, J. B., \*290  
 PARK, W. J., \*284 *quater*  
 PARTAIN, J. O., CATHCART, E. S., and COHEN, A. S.: Arthritis associated with gonorrhoea, 156  
 PARTRIDGE, R. E. H., ANDERSON, J. A. D., McCARTHY, M. A., and DUTHIE, J. J. R.: Rheumatic complaints among workers in iron foundries, 441  
 — and DUTHIE, J. J. R.: Rheumatism in dockers and civil servants. A comparison of heavy manual and sedentary workers, 559

- Pathology of rheumatoid joint, \*296  
 PEARCE, G., \*296  
 PEARSON, J. R., \*476 bis  
 Pericarditis and rheumatoid pleurisy, 521  
 PERRY, J.: *see* Carter, M. E., etc., 454  
 Phagocytosis of urate crystals, \*292  
 Phenformin in polyarthritis, 374  
 Plasma antiheparin activity, 425  
 — cortisol response, 33  
 Pleurisy, rheumatoid, \*296  
 —, —, and pericarditis, 521  
 POLINSKY, P.: *see* Bulger, R. J., etc., 339  
 Polyarthritis, amethopterin in, 64  
 —, phenformin in, 374  
 —, sero-negative, 234  
 —, sporadic epidemic, \*296  
 —, ultra-sound in, \*296  
 Polymyalgia arteritica, clinical and histopathological studies of, 397  
 Polynesia, populations of, serum uric acid in, 319  
 Polypropylene for artificial finger joints, 209  
 Population, acute psychiatric, rheumatoid factors in, 60  
 Pregnancy and erythrocyte sedimentation rate, \*296  
 PRIOR, I. A. M.: *see* Evans, J. Grimley, etc., 319  
 Probenecid, 249  
 Psoriasis, 1  
 —, amethopterin in, 64
- RAJAN, K. T., \*292 *quinter*  
 RAMPON, S., \*292  
 Rat, adjuvant arthritis in, 577  
 RAWLES, J. M.: *see* Boyd, D. H. A., 370  
 RAYNS, D. G., \*179  
 READING, C. A., \*286  
 RECORDIER, A. M., \*291  
 REIS, N. D., \*476  
 —: *see* Calnan, J. S., 207  
 Reiter's syndrome and *Bedsonia*, 234, 241  
 Rheumatic complaints in iron foundries, 441  
 — diseases, arthroscopy of knee in, 503  
 —, free light chains in, 538  
 Rheumatism in civil servants, 559  
 — in dockers, 559  
 Rheumatoid disease and microcrystalline arthritis, \*288  
 — factor and serum sulphhydryl content, 14  
 — in Still's disease, 286  
 — factors in acute psychiatric population, 60  
 Rheumatology Unit, Oxford, 178  
 RHODES, K., \*285 *sextet*  
 RILEY, M. J., \*283 *septem*  
 RICH, W. G., \*296  
 RIPAULT, J., \*288  
 ROBERTSON, M. D. J., HART, F. DUDLEY, WHITE, W. F.,  
 NUKI, G., and BOARDMAN, P. L.: Rheumatoid lymphadenopathy, 253  
 ROBERTSON, M. R., \*296  
 —: *see* Champion, G. D., etc., 521  
 ROBINSON, R. G., \*296 bis  
 —: *see* Champion, G. D., etc., 521  
 ROTTT, I., \*290  
 RONDIER, J., \*287 bis, 288 bis  
 ROSE, B. S., \*180 bis  
 ROSENBLATT, S.: *see* Oreskes, I., etc., 60  
 ROTSTEIN, J., \*288, \*289, \*293 ter, \*294  
 ROUQUES, C., \*290  
 ROUX, H., \*291, \*292 bis  
 ROY, S., and MEACHIM, G.: Chondrocyte ultra-structure in adult human articular cartilage, 544
- SALMON, P. R., 478  
 SALO, O. P., SIEVERS, K., AHVONEN, P., and AHO, K.: Low frequency of chronic biological false positive reactors to serological tests for syphilis in rheumatoid arthritis and ankylosing spondylitis, 261  
 SALUJA, P. G.: *see* Davies, D. J., etc., 130  
 SAMUELS, B. M.: *see* Jasani, M. K., etc., 457  
 SAUNDERS, D. M., \*296  
 SAVAGE, O., \*286, \*476  
 —: *see* Bacon, P. A., etc., 7  
 Scleroderma, gastrointestinal involvement in, \*288  
 Sclerosis, progressive systemic, 367  
 SCOTT, A., \*285  
 SCOTT, J. T., \*476, \*477  
 — and O'BRIEN, P. K.: Probencid, nephrotic syndrome, and renal failure, 249  
 —: *see* Grahame, R., etc., 19  
 SENATOR, G. B., MUIRDEN, K. D., and BALAZS, N.: Concentration of iron in synovial membrane, synovial fluid, and serum in rheumatoid arthritis and other joint diseases, 49  
 —: *see* Muirden, K. D., 38  
 Serological studies, 406, 454, \*477  
 Serology of rheumatoid arthritis, \*290, 431  
 — of syphilis, 261  
 SERRATRICE, G., \*291  
 SERRE, H., \*291  
 Serum, anti-free light chain, 537  
 — antinuclear factors, 313  
 — immunoconglutinin levels, 531  
 — in rheumatoid arthritis, 225  
 —, rheumatoid, green colour in, 151  
 — sulphhydryl content and rheumatoid factor, 14  
 Sex differences, immunological, 285  
 SEYMOUR, \*295  
 SÉZE, S. DE, \*292, \*293 *quinter*, \*294  
 SHAH, K. D., and WRIGHT, V.: Green colour in rheumatoid serum, 151  
 SHAPLAND, C., \*290  
 SHEARN, M. A., and TU, W. H.: Latent renal tubular acidosis in Sjögren's syndrome, 27  
 Shoulder, senile haemorrhagic, \*292  
 SHULMAN, L. E.: *see* Block, S. R., etc., 311  
 SIAUD, J. R., \*288  
 SIEVERS, K.: *see* Salo, O. P., etc., 261  
 SIMON, L., \*291 *quater*, \*295  
 Sjögren's syndrome, latent renal tubular acidosis in, 27  
 SMITH, J. B. DICK, \*296  
 SMITH, M. E., ANSELL, B. M., and BYWATERS, E. G. L.: Mortality and prognosis related to the amyloidosis of Still's disease, 137  
 South African Rheumatism and Arthritis Association, Durban, Officers 1967, 80  
 S.E. Asia and Pacific Area League against Rheumatism, Bombay, 1968, 479  
 SPIERA, H.: *see* Oreskes, I., etc., 60  
 Spine, cervical, radiological changes in, 333  
 —, radiological changes in, 1  
 Spondylitis, ankylosing, and *Bedsonia*, 241  
 —, —, blood groups in, 472  
 —, —, cervical spine in, 333  
 —, —, early lesion of, \*284  
 —, —, radiological changes in, \*283  
 —, —, synovial fluid in, 572  
 —, —, and syphilis, 261  
 —, —, ulcerative colitis in, 219, \*478  
 STEIGER, U., \*285, \*296  
 —: Problems of Still's disease in adult life, 146  
 STEVENS, M. B.: *see* Block, S. R., etc., 311  
 Still's disease, amyloidosis of, 137

- in adult life, 146, \*285  
—, rheumatoid factor in, 286  
—, synovial fluid in, 571  
—, therapy in, \*286  
STONNINGTON, H., \*295  
Sudeck's atrophy, 463  
Synacthen test and rheumatoid arthritis, 33  
Synovial cell structure, chromosomes and, 597  
Synovitis, pigmented villo-nodular, 42  
Synovium and arthritic diseases, \*477  
—, ceruloplasmin in, 71  
—, iron in, 38, 49, 345  
—, lactate dehydrogenase in, 569  
—, membrane of, anti-gamma globulin factors in, 122  
—, mucopolysaccharides in, 264  
—, in rheumatoid arthritis, 225  
Syphilis, serological tests for, 261  
  
Tanned sheep cell test, 61  
TAYLOR, A. K.: *see* Jasani, M. K., etc., 352  
Tenosynovitis, \*295  
Third Nuffield Conference on Rheumatism, Oxford, 1967, 298  
THOMPSON, M., \*290, \*293, \*542  
THOULD, A. K., \*283  
Tissue samples, 479  
TREADWELL, B., \*180  
TWEED, J. MOORE, \*180  
TU, W. H.: *see* Shearn, M. A., 27  
TURSI, A.: *see* Bonomo, L., etc., 122  
  
UDENFRIEND, S., \*80  
Ultra-sound in polyarthritis, \*296  
United States Public Health Service: Osteo-arthritis and Body Measurements, 474  
Urine, excretion of cells of, 130  
  
Vasculitis, acute necrotizing, 107  
VASTAMÄKI, M.: *see* Kalliomäki, J. L., 167  
VEYS, E. M., and CLAESSENS, H. E.: Serum levels of IgG, IgM, and IgA in rheumatoid arthritis, 431  
— and WIEME, R. J.: Lactate dehydrogenase in synovial fluid. Diagnostic evaluation of total activity and isoenzyme patterns, 569  
Victoria, care and rehabilitation of arthritis in, \*297  
VOSS, S. F. C. HEERMA VAN: *see* Meijers, K. A. E., etc., 333  
  
WALKER, P. S., DOWSON, D., LONGFIELD, M. D., and WRIGHT, V.: "Boosted Lubrication" in synovial joints by fluid entrapment and enrichment, 512  
WALTON, K. W. W., \*475  
WARD, D. J., \*283  
WEBB, J. B., \*296  
WESTON, J., \*180  
WHITE, W. F.: *see* Robertson, M. D. J., etc., 253  
WHITEHEAD, V. I. E., \*180  
WIEME, R. J.: *see* Veys, E. M., 569  
WIGLEY, R. A. D., \*181 *bis*  
WILKINSON, M., \*283  
WILLIAMS, R., \*293  
WILLIAMSON, J.: *see* Jasani, M. K., etc., 352  
WILLIAMSON, N., \*477 *sexter*  
WILLS, M. R.: *see* Hicklin, J. A., 33  
WINOCOUR, V.: *see* Carter, M. E., etc., 454  
WOOD, P. H. N., \*287 *quater*  
WRIGHT, V., \*283 *bis*, \*284, \*478  
—: *see* Shah, K. D., 151  
—: *see* Walker, P. S., etc., 512  
  
ZIFF, M., \*285  
—: *see* Kinsella, T. D., etc., 241  
ZUTSHI, D. W., \*286 *bis*

# INDEX TO SUBJECTS OF ARTICLES ABSTRACTED

\* indicates that only the title of the article is given

- ACTH studies, 393  
ARA criteria in rheumatoid arthritis, \*382  
Acid acetylsalicylic, \*203, \*301, 308  
—, protective action of, \*393  
—, ascorbic, \*190, \*199  
—mucopolysaccharides, \*392  
—, salicylic, metabolism of, \*393  
—, uric, analysis of, 485  
—, —, in blood in childhood, \*487  
—, —, renal transport of, \*500  
—, —, studies of, \*486, \*487, \*494 bis  
Acro-osteolysis, occupational, 302, 303  
Adjuvant arthritis-inhibiting subfraction, \*393  
— disease, \*391  
Adrenal corticoid levels in human cerebrospinal fluid, \*97  
— corticosteroids and tuberculosis, \*499  
— cortex secretion and adrenocorticotrophin, \*97  
— cortical function, \*392  
— function, \*203  
Adrenocortex, rhythm of, \*203  
Adrenocorticotrophin and adrenal cortex secretion, \*97  
— and renal glomerular disease, \*391  
Age, old, acute rheumatism in, \*300  
—, —, aortic stenosis in, 380  
—, —, and degenerative changes in hip joint, \*383  
—, —, impaired delayed hypersensitivity in, \*390  
—, —, and rheumatoid arthritis, \*382  
—, —, knee in, \*310  
—, —, subacute rheumatoid arthritis in, \*483  
Age-related antinuclear factors, \*307  
Agglutination tests, \*307, 490  
Agglutinins in erythrocytes, 94  
Agranulocytosis, hydroxychloroquine-induced, \*395  
Albumin, human, \*392  
Alcaptonuria, \*190  
Aldehyde, \*390  
Allergy, microbial, \*502  
Allopurinol, \*385 bis, 485  
— in gout, 89, \*486 bis  
— and hyperuricaemia, \*189  
— and uric acid calculi, \*89  
— therapy, 384, 385  
— of neoplastic diseases, \*89  
Alveolitis, fibrosing, immunoglobulins in, 489  
Aminofenazole, \*396  
Aminopropilone, \*396  
Amyloid, human, antigenic components of, 93  
Amyloidosis, \*302, \*391, 493 ter  
— and cyclic neutropenia, 493  
—, experimental, \*308, \*494  
—, generalized primary, \*310  
—, peri-reticulin and peri-collagen, \*389  
—, primary, bone lesions in, 493  
—, secondary, \*483  
Anaemia, 306  
—, autoimmune haemolytic, treated with mercapto-purine, \*92  
—, pernicious, autoantibodies in, \*390  
—, severe, \*488  
Analgesic, non-narcotic, \*395  
Analgesics, abuse of, in renal lesions, 103  
Aneurysms, aortic, \*384  
Ankylosing spondylitis: *see Spondylitis, ankylosing*  
Annulus fibrosus, tensile tests in, \*94  
Antibiotics, prophylactic, in children, \*381  
Antibody, anti-nuclear, 490  
—, —, after hydralazine toxicity, 96  
—, —, titred, 492  
— synthesis, \*391  
Antigens of connective tissue, \*94  
Antiglobulin factor, \*493  
— reaction, \*307  
Anti-inflammatory drugs, \*203  
Antilymphocyte globulin, heterologous, 489  
— serum, 390  
Antinuclear antibody test in clinical dermatology, 306  
— factor, \*493  
Antiprotease in rheumatoid arthritis, \*104  
Antirheumatic drugs, \*203  
— therapy, \*202  
Antistreptococcal antibodies, \*493  
Antistreptolysin-O, \*307, \*391  
Antistreptoprotein M, \*391  
Aorta, insufficiency of, \*383  
Aortic arch syndrome, ocular manifestations of, 388  
Approved schools, rheumatism acute in, \*300  
Arteritis of coronary arteries, \*500  
—, giant cell, \*389, \*488  
—, necrotizing in, rheumatoid arthritis, \*185  
—, rheumatic coronary, and DNA, 96  
—, Takayasu's, 193  
—, temporal, early symptoms of, \*194  
—, —, ERG in, 388  
—, —, and indomethacin therapy of polymyalgia rheumatica, \*92  
Arteriosclerosis and ischaemic optic neuropathy, 193  
Arthralgia in pulmonary tuberculosis, \*310  
Arthritis, active rheumatoid, L.E.-cells in, \*307  
—, acute, \*206  
—, —, exudative, in leprosy, \*187  
—, —, gouty, inflammatory process in, \*189  
—, bacteroides, \*384 bis  
—, chylous, 484  
—, chronic, \*301  
—, —, and synovial inflammatory cell reaction, 93  
—, degenerative, of trapeziometacarpal joint, \*84  
—, experimental, \*391  
—, Filipin induced, \*198  
—, genital infection and, in paraplegic patients, 85  
—, gonococcal, \*205  
—, —, in pregnancy, \*187  
—, *haemophilus influenzae* septic, in adults, \*87  
— of hip in children, \*185

- , juvenile: *see* Still's disease  
 —, monarticular, in children, \*382  
 —, —, brucellar, in children, \*302  
 —, mumps, 86  
 —, psoriatic, \*302  
 —, —, antinuclear factors in, \*87  
 —, in rabbits, streptolysin S and, 82  
 —, in rats, \*308  
 —, rehabilitation clinic for, \*203  
 —, rheumatoid, \*205, \*301, \*389  
 —, —, 4-C<sup>14</sup> cortisol in, \*199  
 —, —, acetylsalicylic acid in, \*301  
 —, —, acute,  $\gamma$ -globulin in, 197  
 —, —, —, gold salts and, \*83  
 —, —, adrenal corticosteroids in, 98  
 —, —, aetiopathogenesis of, \*382  
 —, —, and amyloid goitre, \*185  
 —, —, ARA criteria in, \*382  
 —, —, asymmetrical, after poliomyelitis, 184  
 —, —, articular changes in, \*83  
 —, —, atypical, \*83  
 —, —, biochemical studies of, \*97  
 —, —, blood groups in, \*493  
 —, —, cervical spine in, \*483  
 —, —, chlorambucil in, \*309, 495  
 —, —, chloroquine and ophthalmological complications, 201  
 —, —, and chondrocalcinosis of knee, \*90  
 —, —, chyloform pleural effusion in, \*483  
 —, —, cytostatic drugs in, \*395, \*483  
 —, —, deformity of foot in, \*301  
 —, —, diagnosis of, \*382 bis  
 —, —, digital artery design in, \*185  
 —, —, —, capillaritis in, \*301  
 —, —, digit changes in, \*301  
 —, —, and D-penicillamine treatment, 101  
 —, —, flufenamic acid in, 199, \*203 quater  
 —, —, fracture of odontoid process in, \*483  
 —, —, gastroduodenal ulcer in, \*83  
 —, —, genetic study of, 185  
 —, —, gold therapy in, \*310  
 —, —, in Hiroshima and Nagasaki, \*301  
 —, —, hydrocortisone metabolism in, 198  
 —, —, immunoglobulin levels in, 197, \*483  
 —, —, immunological studies in, \*307, \*493  
 —, —, immunopathology of, \*301  
 —, —, immunosuppressives in, \*202, 308, \*309  
 —, —, indometacin in, 100, \*203, \*395  
 —, —, in infancy, \*185  
 —, —, in Inowroclaw Spa, \*203  
 —, —, intra-articular thiopeta in, 393  
 —, —, and iron absorption, \*199, 482  
 —, —, in Japan, 82  
 —, —, in Jerusalem, \*83  
 —, —, and joint stiffness, \*301  
 —, —, kidney in, 381  
 —, —, of knee, \*310  
 —, —, laboratory tests in, \*83  
 —, —, latex test in, \*198  
 —, —, and L.E. cells, \*92, \*195  
 —, —, —, factor in, 91  
 —, —, malignant, \*83  
 —, —, and mefenamic acid, \*396  
 —, —, and mesenteric arteritis and intestinal infarction, 91  
 —, —, monoarticular juvenile, 185  
 —, —, multiple stress fractures in, \*382  
 —, —, muscular diseases of, \*301  
 —, —, —, necrotizing arteritis in, \*185  
 —, —, —, occupational readaptation in, \*382  
 —, —, —, in old age, \*382  
 —, —, —, onset of, \*382  
 —, —, —, orthopaedic surgery in, \*203  
 —, —, —, treatment of, \*382  
 —, —, —, osteoporosis in, 89, 300, \*483  
 —, —, —, painful shoulder joint in, \*83  
 —, —, —, pantalar joints in, \*382  
 —, —, —, phenylbutazone in, \*203  
 —, —, —, physical medicine in, \*203  
 —, —, —, prednisolone in, 482  
 —, —, —, prognosis of, \*382 bis  
 —, —, —, and treatment, \*83, 495  
 —, —, —, pulmonary infections and, 183  
 —, —, —, renal biopsy in, 482  
 —, —, —, and rheumatoid ganglion, 482  
 —, —, —, salicylates in, 393  
 —, —, —, secondary amyloidosis and, \*483  
 —, —, —, serology of, \*96, 491, \*492  
 —, —, —, serum copper level in, \*382  
 —, —, —, immunoglobulin in, \*307  
 —, —, —, iron levels in, 308  
 —, —, —, tyrosine level in, \*301  
 —, —, —, subacute, in old age, \*483  
 —, —, —, surgery and, \*396, \*483, \*500  
 —, —, —, synovectomy in, \*202, 309, \*310 bis, 396, \*500 bis  
 —, —, —, and synovial biopsy, \*94  
 —, —, —, —, rupture in, 482  
 —, —, —, in temporomandibular joint, \*301  
 —, —, —, therapy, 98, \*104 ter, \*203, \*500  
 —, —, —, thymus in, 304  
 —, —, —, in toxic hypertrophic osteopathy, \*90  
 —, —, —, treatment of functional limitation of, \*396  
 —, —, —, trenimon and, \*396  
 —, —, —, vertebral artery thrombosis in, \*483  
 —, —, secondary gouty, \*89  
 —, —, —, septic, due to *Pseudomonas pseudomallei*, \*187  
 —, —, —, of hip, \*384  
 —, —, —, in infants and children, 86  
 —, —, —, transient, of hip, \*84  
 —, —, —, viral, \*187  
**Arthrodesis**, \*203 bis  
**Arthrography** in diseases of knee joint, \*206  
 —, —, knee, \*301  
 —, —, opaque, radiology of, \*84  
**Arthro-ophthalmopathy**, hereditary progressive, \*205  
**Arthro-osteo-onychodysplasia** in Swiss family, \*502  
**Arthropathy**, alcaptonuric, \*383  
 —, —, generalized ankylosing osteoproliferating destructive, \*87  
 —, —, of idiopathic haemochromatosis, 501  
 —, —, ochronotic, \*190  
 —, —, syringomyelic, \*502  
 —, —, tabetic, \*310  
**Arthroplasty**, \*383  
 —, —, of hip, \*310  
**Arthrosis**, plasma mucopolysaccharides in, \*198  
 —, —, thrombopathic, \*90  
 —, —, treatment of, \*396 bis  
**Ascorbic acid**: *see* Acid, ascorbic  
**Aspirin**, dissolution rates of, \*499  
 —, —, and platelet/connective tissue reaction, \*104  
 —, —, tests, \*310  
 —, —, therapy, \*104  
**Astragalus**, osteochondritis of, \*304  
 —, —, dissecans of, \*304

- Atherosclerosis, serum uric acid and lipid concentrations in, 188  
 Atlas, anterior subluxation of, \*502  
 Atrophy, chronic polychondritis, \*386  
 Australia, Paget's disease in, \*386  
 Autoantibodies in pernicious anaemia, \*390  
 Autohaemotherapy, \*203  
 Autoimmunity, \*493  
 Azathioprine, effects of, on purine synthesis, \*189
- Back pain in childhood, \*191  
 Bacteria, \*307  
 Behçet's syndrome, 383 *bis*, \*484 *bis*  
     — with aortic aneurysms, \*384  
     — and autoimmunity, 87  
     —, cerebral manifestations of, \*384  
     —, mycoplasma antibody in, \*383  
     —, neurological aspects of, \*384  
 Bechterew's disease: *see* Spondylitis, ankylosing  
 Benzathine penicillin in acute rheumatism, 183 *bis*  
 Beta-aminopropionitrile in scleroderma, \*92  
 Betamethasone in lupus erythematosus, 496  
 Biochemical studies, 97 *bis*, \*391  
 Birth order in gout, 384  
 Blindness and polymyalgia rheumatica, 193  
 Blood, chemical components, lipid levels and obesity, 188  
     — corticoids and resin uptake of 3H-prednisolone, \*391  
 Bone changes in Ehlers-Danlos syndrome, \*190  
     — lesions in primary amyloidosis, 493  
     —, Paget's disease of, lesions in, 190  
     —, small, changes in, \*305  
     — solubility and thyrocalcitonin, \*199  
 Boutonnière deformity, correction of, \*396  
 Bradykinin, biological identification of, \*393  
 Bulgaria, dermatomyositis and carcinoma in, \*389  
 Butyl acetate, tertiary, \*203
- Calcification resembling gout, \*487  
 Calcinosis, \*205  
 Calcium deficiency and osteoporosis, \*90  
     — infusion test in osteomalacia, 89  
     — in osteoporosis, cortisone-induced, \*90  
 Calculi, uric acid, allopurinol in, \*89  
 Capillaritis, digital, \*301  
 Capillary circulation in striated muscle, isotope measurement of, \*98  
     —, nail-fold, in connective tissue disorders, \*390  
 Cardiopulmonary disease, 501  
 Carditis, acute rheumatic, in children and adults, \*183  
     —, —, —, rupture of chordae tendineae during, \*481  
     —, rheumatic, \*197, \*481  
     —, —, and DNA, 96  
     —, —, immunofluorescence studies in, \*481  
 Carpal tunnel syndrome, digital nerve in, \*191  
     —, —, —, electrodiagnostic aspects of, \*91, \*387  
     —, —, — and gout, 187  
     —, —, —, macrodactyly of, \*91  
     —, —, —, surgery of, \*304  
 Cartilage, aging and osteoarthrotic human, \*389  
     —, articular, \*94, \*389 *ter*, \*393  
     —, —, electron microscopy of, \*389  
     —, —, permeability of, \*389  
     —, —, submicroscopic changes in, \*389  
     —, —, synovectomy of, 201  
     —, costal, calcification of, 489  
     —, embryonic, protocollagen in, \*390  
     —, epiphyseal-plate, chemical studies of, \*392  
     — matrix depletion by rheumatoid synovial cells. \*196
- proteinpolysaccharide, \*483  
 Cataract, subcapsular, posterior, 202  
     —, —, — bilateral, \*499  
 Cebus monkeys, urate clearance in, \*486  
 Central nervous system involvement in rheumatoid disease, \*185  
 Cervical spine, congenital anomaly of, \*91  
 Cervico-occipital joint, radiography of, \*502  
 Chemotherapy, antituberculous, pseudorheumatism of, 104  
     — in arthralgia, \*310  
 Children, acute rheumatism in, \*300, \*307, \*481  
     —, arthritis of hip in, \*185  
     —, back pain in, \*191  
     —, chronic oligo-arthritis in, \*185  
     —, collagen disease in, \*307  
     —, dermatomyositis in, \*194  
     —, electromyography in, \*382  
     —, handicapped, study and welfare of, \*310  
     —, inflammatory lesions of intervertebral disks, \*386  
     —, monarticular arthritis in, \*382  
     —, brucellar arthritis in, \*302  
     —, neoplastic disease in, \*385  
     —, osteochondritis in, \*190  
     —, osteomyelitis in, \*190  
     —, pain in extremities in, \*386  
     —, pelvo-spondylo-polyarthritis in, \*186  
     —, polyarthritis in, \*301  
     —, prophylactic antibiotics in, \*381  
     —, Raynaud's disease in, \*305  
     —, rheumatism in, clinical presentation of, \*186  
     —, salicylate intoxication in, \*310  
     —, subacute rheumatism in, \*185  
     —, systemic lupus erythematosus and nephritis in, 387  
         —, Tietze's syndrome in, \*191  
 Chlorambucil in rheumatoid arthritis, \*309, 485  
 Chloramphenicol optic neuritis, 394  
 Chloroquine, 394 *quinter*, \*395 *ter*  
     — keratopathy, 394  
     — and ocular damage, 394, 499  
     — toxicity, 394  
     — retinopathy, 498  
     — and rheumatoid arthritis, 201  
 Chlorpromazine and ocular opacities, 395  
 Chondrocalcinosis, 302  
     — of knee with gout and rheumatoid arthritis, \*90  
 Chondrocalcinosis, 302  
 Chondrocyte in articular cartilage, \*94  
 Chondromalacia patellae, \*186  
 Chondromatosis, decalcifying, of hip, \*90  
 Chorea, familial benign, 81  
     — minor, \*488  
 Chrysotherapy in rheumatoid arthritis, \*395  
 Chymopapain therapy, \*202  
 Claudication, intermittent, and polymyalgia rheumatica, \*92  
 Coalworker's disease, immunology of, \*198  
 Colchicine and contractile proteins, \*385  
     — derivatives in scleroderma, 101  
 Colchimax in gout, \*89  
 Colitis, ulcerative, \*391, \*484  
 Collagen, components of, \*197  
     — degeneration, microscopy of, \*94  
     — disease, \*94  
     —, connective tissues in, 196  
     — and serum antielastase, 95  
     — formation, pharmacology of, \*305  
     —, immunogenicity and specificity of, \*307  
     —, insoluble, \*390

- , intracellular fibres, \*197
- , metabolism, \*197, \*305
- , metabolites, 196
- , purification and amino acid composition of, \*392
- , rat tail tendon, \*390
- , soluble, \*390
- , structure of, \*94
- , studies, \*390 *quater*
- , synthesis, \*94, \*197
- Collagenase**, human, 392
- Collagenoses**, cytostatic drugs and, \*395
- Connective tissue**, antigens of, \*94
  - in collagen diseases, 196
  - , collagen interfibrillar matrix interactions in, \*94
  - , dermal, and chronic obstructive airways disease, 93
  - disease, antiglobulin in, \*307
  - — —, cryoglobulinaemia in, \*391
  - — — and oesophageal motility, \*94
  - disorders, \*198, \*390
  - — — studies, \*390 *bis*, \*494
- Coombs test**, \*493
- Cornea**, staining of, in systemic lupus erythematosus, 191
- Coronary disease**, \*387
  - vasculitis, chronic occlusive rheumatic, 380
- Corset** for lower back pain, \*203
- Corticoid therapy**, 202
- Corticosteroids** in acute rheumatism, 182
  - , adrenal, in rheumatoid arthritis, 300
  - , and collagen metabolism, \*305
  - , production of, \*393
  - and serum alkaline phosphatase, \*502
  - therapy, 202 *ter*, \*203, 308, \*395 *quater*
  - — —, alternate-day, 494
  - — — in hypothalamo-pituitary-adrenal function, 200
  - — — and ocular complications, 393
- Corticosterone** in plasma, \*392
- Corticotherapy**, \*309
- Cortisol**, \*392 *ter*, \*395
  - binding to human albumin, \*392
  - — — to plasma proteins, 391, \*392
  - in plasma, \*392
  - , production rate of, \*494
  - secretion during bacterial infections, \*494
  - , urinary, \*494
- Cortisone therapy**, \*202 *bis*, \*309, \*500
  - — — and renal insufficiency, \*309
  - — — and skeletal muscle, \*203
- Corticotrophin-carboxymethylcellulose**, activity of, 200
- Corticotrophin-gelatin**, activity of, 200
- Coxitis**, transient, \*301
- Cryoglobulinaemia**, \*391 *ter*
  - in connective tissue diseases, \*391
- Cryoglobulin disorders**, \*198
- Cushingoid status**, 483
- Cytostatic drugs**, \*483
- Cytostatica**, intra-articular use of, 199
- D-penicillamine** in rheumatoid arthritis, 101
- DNA**, serology of, 96
- Dermatology**, clinical, 306
- Dermatomyositis** and carcinoma, \*389
  - in children, \*194
  - and oesophageal lesions, 193
  - and retinopathy, \*194
- Dermis** in scleroderma, \*199
- Diabetes**, \*302
  - and gout, \*385
  - and serum uric acid, 486
- Digit**, radiographic charges of, \*301
- Dimethylsulphoxide**, \*390
- Disk**, herniated lumbar intervertebral, \*386
  - , intervertebral, inflammatory lesions of, in children, \*386
  - , lumbar, herniated, \*386
  - — —, protrusions of, \*487
  - — —, surgery of, \*386
  - , prolapsed lumbar intervertebral, surgery for, 497
  - , protrusion, myelographic appearance of, 386
  - , slipped intervertebral, \*386
  - , thoracic intervertebral, \*386
- Disodium EDTA**, \*395
- Distal radius**, fracture of, \*387
- Dorsalgia**, functional, \*191
- Double Charcot's disease**, \*487
- Drugs**, anti-malarial, 394 *bis*, 395 *bis*
  - , cytostatic, \*395 *bis*
- Dupuytren's disease**, pathogenesis of, \*387
- Dysplasia epiphysealis hemimelica**, \*301
- Dystrophy**, reflex of upper limb, \*191
- EOG**, clinical investigation of, 383
- ERG** in temporal arteritis, 388
- Egypt**, acute rheumatism in, \*300
- Ehlers-Danlos syndrome**, bone changes in, \*190
- Electromyography** in rheumatoid arthritis in children, \*382
- Electron microscopy**, \*389 *bis*
  - — — in polymyositis, \*305
- Electroretinography**, \*202
- Embolism**, cerebral, aetiology of, \*186
- Employment** and rheumatic diseases, \*502
- Endocarditis**, bacterial, \*383
  - — —, and acute rheumatism, 299
  - in Reiter's disease, \*384
  - — —, rheumatic, activity of, \*82
- Enzyme**, collagenolytic, \*392
- Epicondylitis**, external humeral, \*191
- Epiphysis**, trochanteric, \*384
- Episcleritis**, chronic, 385
- Erythema infectiosum**, \*502
  - nodosum, \*389
  - — — and bilateral iritis, 191
  - — — leprosum, \*187
- Erythrocyte sedimentation rate** and age, 95
  - — —, measurement of, \*96
- Eye**, changes in relapsing polychondritis, \*386
  - complications of, 383
  - — —, due to anti-malarial drugs, 394
  - — —, and corticosteroid treatment, 393
  - — —, during drug therapy, 498
  - — —, due to synthetic anti-malarial drugs, 394
  - — —, and chloroquine therapy, 394, 499
  - — —, involvement of, \*502
  - — —, in Still's disease, \*382
  - — —, lesions, in juvenile progressive polyarthritides, \*382
  - — —, manifestations of, in aortic arch syndrome, 388
  - — —, in arteritis nodosa, 192 *bis*
  - — —, in scleroderma, 388
  - — —, and subacute rheumatism, 182
  - — —, opacity of, and chlorpromazine, 395
  - — —, toxicity, \*395
  - — —, and choroquine, 394
- Fat**, liquid, in knee joint, \*383
- Feet**, postural defects of, \*502
- Femur**, fractures of, \*386
  - , head of, aseptic necrosis of, \*310

- , —, pathogenesis of necrosis, \*190  
 Fenamates in medicine, \*203  
 Fibrosis, endomyocardial, in Uganda, \*481  
 Fibrils, amyloid, \*392  
 Filipin induction in arthritis, \*198  
 Filtration-rate, glomerular, using  $^{61}\text{Cr}$ /edetic-acid complex, 97  
 Finger, digital nerve of, \*191  
 — joint, artificial, \*500  
 Fistula arteriovenous, \*386  
 —, —, in polyarteritis nodosa, \*194  
 Flatt finger-joint prostheses, 497  
 Flufenamic acid in ankylosing spondylitis, \*203  
 — in rheumatoid arthritis, 199, 203 *quater*  
 Fluoride, effect of, on bone and osteoarthritis in mice, \*186  
 Foot, deformity, of \*301  
 Forefoot, pain in, caused by tendinitis, \*191  
 Fractures, multiple stress, in rheumatoid arthritis, \*382  
 France, rheumatism in, hospitalization for, \*206  
 Freund's adjuvant, \*308
- Gamma globulin, 385  
 — production, \*391  
 — studies in rheumatic heart disease, 491  
 Gas myelography and herniated lumbar disk, \*186  
 Gastric mucosa, treatment of, \*500  
 Glaucoma, acute, 202  
 —, —, corticosteroid in, 499  
 — due to cataract caused by cortisone, \*202  
 — corticosteroid, \*202  
 — steroid, \*202 *bis*  
 Globulin, anti-lymphocyte, \*492  
 —, heterologous antilymphocyte, \*391  
 Gonorrhoea, inflammatory arthritides in, \*302  
 Gougerot-Sjögren's disease, \*396  
 Glucocorticoid, low-dosage therapy, 100  
 Glucose metabolism in synovium, 392  
 — tolerance tests, \*310  
 Glycosaminoglycans, \*390  
 Gold, radioactive, intra-articular administration of, 184  
 — therapy, \*202  
 — in rheumatoid arthritis, \*310  
 Goitre, amyloid, \*310  
 —, —, and rheumatoid arthritis, \*185  
 Gout, \*189, \*302, \*385  
 —, acute, pain in, \*89  
 —, —, serum uric acid in, 88  
 —, allopurinol in, 89 *bis*, \*189 *bis*, 385, \*486 *bis*  
 —, atypical, \*385  
 — and avascular necrosis, \*385  
 —, birth order in, 384  
 — and carpal tunnel syndrome, 187  
 — and chondrocalcinosis of knee, \*90  
 —, colchimax in, \*89  
 — and diabetes, \*385  
 —, —, saliuretic therapy in, 103  
 —, epidemiology of, 87  
 —, hyperuricaemia in, \*189  
 — and retinal vascular accidents, 189  
 — and myxoedema, 384  
 — and renal disease, 484  
 —, prognosis in, \*487  
 —, serum uric acid and lipid concentrations in, 188  
 —, taste and smell in, \*89  
 —, tophi, of renal medulla, \*302  
 —, treatment of, in 1967, \*89  
 —, vascular retinal thrombosis in, \*385  
 — in women, 88, \*189  
 Granuloma pouch exudate, \*308
- Groin, lipoid nodules in, \*483  
 Grönblad-Strandberg's syndrome, \*484
- Haemadsorption technique, \*96  
 Haemagglutination tests, \*307  
 Haemochromatosis, arthropathy and chondrocalcinosis of, \*502  
 —, idiopathic, 501  
 Haemolytic streptococci, Group A, \*391  
 Haemophilia, joint haemorrhage in, \*187  
 Hand, rheumatic, surgical treatment of, \*500  
 —, rheumatoid, surgery of, \*396 *bis*  
 —, tenolysis in, \*203  
 Hargraves cells, detection of, \*92  
 Hashimoto's thyroiditis, hypochorhydria in, 390  
 Headache and systemic lupus erythematosus and myasthenia gravis, \*389  
 Heart in chronic rheumatic disease, \*183  
 — disease, cyanotic congenital, \*502  
 —, quadrivalvular rheumatoid disease, \*381  
 —, rheumatic, \*481 *bis*  
 —, —, gamma globulin studies in, 491  
 —, scleroderma disease of, \*194  
 —, volume of, 81  
 Heparin 35 ESR, \*96  
 Hepatitis, chronic active, \*389  
 —, lupoid, \*395  
 Hernia, diskal, \*91  
 Hip, arthritis of, \*84  
 —, —, in children, \*185  
 —, arthroplasty of, \*310  
 —, bilateral destructive osteoarthritis of, \*383  
 —, decalcifying chondromatosis of, \*90  
 —, horizontal osteoarthritis of, \*186  
 —, joint, arthroplasty of, \*383  
 —, —, disease, \*84  
 —, —, incongruent surfaces of, \*502  
 —, —, and old age, \*383  
 —, opaque arthrography of, \*84  
 —, operation of, \*484  
 —, osteoarthritis of, \*84 *bis*, \*484, \*500 *bis*  
 —, —, surgery of, \*84  
 —, —,  $^{85}\text{Sr}$  in, \*186  
 —, periarthritis of, 90  
 —, primary necrosis of, \*190  
 —, septic arthritis of, \*384  
 —, —, treatment of, for osteoarthritis, \*186  
 —, unilateral idiopathic osteoarthritis of, \*186, \*301  
 Hiroshima, rheumatoid arthritis in, \*301  
 Homograft of digital flexor tendon system, \*203  
 —, reaction in pigs, \*391  
 Hormone, human growth, radioimmunoassay of, \*392  
 Hospitalization for rheumatism in France, \*206  
 Human tissue transplantation, \*391  
 Humor, antibody formation in, 490  
 Hydrocortisone arthropathy, \*203  
 Hydroxyproline excretion in urine, \*97  
 — and urinary excretion, \*198  
 — in urine and plasma, \*494  
 Hyperaemia, regional, \*186  
 Hyperparathyroidism, \*190, 303  
 —, diagnosis of, \*190  
 —, long-standing, primary, \*190  
 Hypersensitivity, impaired delayed, in old age, \*390  
 Hyperthyroidism, acute, \*389  
 Hyperuricaemia, \*302  
 —, acute, in childhood leukemia, \*385  
 —, allopurinol in, \*89  
 —, epidemiology of, 87

- , gout and retinal vascular accidents, 189  
 —, in mongolism, 88  
 —, in neoplastic diseases in children, \*385  
 —, primary, 485  
**Hypertension, intracranial**, 202  
 —, ocular, \*499  
 —, renovascular, and plasma cortisol, \*97  
**Hypocalcaemia**, \*395  
**Hypocholorhydria**, 390  
**Hypogammaglobulinaemia**, primary acquired, \*391  
**Hypoparathyroidism**, \*206
- Iliopsoas**, serous bursa of, \*502  
**Immobilization**, intermittent, \*396  
**Immunodepressive therapy**, 496  
**Immunoconglutinin** in rheumatic disease, 305  
**Immunodiffusion**, radial, \*97  
**Immunoglobulin** in acute rheumatism, \*307  
 — and antibody-combining site, \*307  
 —, antinuclear, and nuclear fluorescence of, \*391  
 — levels in rheumatoid arthritis, 197  
 — in rheumatoid arthritis, \*483  
 —, structure and biology of, \*390  
 — studies, 489, \*493 *quater*  
**Immunological studies**, \*97 *ter*, \*198 *quater*, \*307 *quater*, 390 *quater*, \*391  
**Immunopathology** of rheumatoid arthritis, \*301  
**Immunoprophylaxis**, 385  
**Immunosuppression**, \*493  
**Immunosuppressors** in rheumatoid arthritis, 308, \*309, \*202  
 — in systemic lupus erythematosus, \*202  
**Indomethacin** in ankylosing spondylitis, 100  
 — in rheumatic diseases, \*395 *quater*  
**Indomethacin** in rheumatoid arthritis, 100, \*203, \*395  
 — therapy, \*104 *ter*, \*202 *bis*  
**Inflammatory arthritides** in gonorrhoea, \*302  
**Inowroclaw Spa**, rheumatoid arthritis in, \*203  
**Insulin**, \*499  
**Iritis**, bilateral, and erythema nodosum, 191  
**Iron absorption**, 482  
 — and rheumatoid arthritis, \*199  
**Ischaemic optic neuropathy** in arteriosclerosis, 193  
 — in Raynaud's disease, 193
- Joint**, atlanto-axial, non-traumatic displacement of, \*387  
 —, Charcot, in early adolescence, \*383  
 — effusions, lysozyme in, \*489  
 — fluid, antimicrobial penetration of, \*392  
 — leucocytes, \*483  
 — haemorrhage in haemophilia, \*187  
 — inflammation, canine, \*500  
 —, limb, in psoriatic polyarthritis, \*302  
 —, pantalar, rheumatoid arthritis in, \*382  
 —, puncture fluids, \*392  
 — stiffness, \*301  
 —, temporomandibular, 86, \*301
- See also:*  
**Finger; Hip; Knee; Shoulder**  
**Joints**, small, hydrocortisone therapy for, \*500  
**Jokinen's test** in acute rheumatism, \*300
- Keratopathy**, choloquine, 394  
**Kidney**, biopsy of, 482  
 —, chronic disease of, 495  
 —, — failure of, 385  
 — disease and gout, 484  
 —, glomerular disease of, \*391  
 —, latent tubular dysfunction, 192  
 —, lesions in, 480
- , rat, effect of drugs on, \*395  
 — in rheumatoid arthritis, 381  
 —, spontaneous rupture of, in polyarteritis nodosa, \*92  
**Klippel-Feil syndrome**, \*387  
**Knee**, arthrodesis of, \*203  
 — arthrography, \*301  
 —, chondrocalcinosis of, with gout and rheumatoid arthritis, 90  
 —, coccidioidal synovitis of, 383  
 —, degenerative disease in, \*382  
 —, hinged metal, \*500  
 — joint, disease of, \*206  
 —, extension of, \*206  
 —, functional anatomy of, \*502  
 —, internal derangements of, in women, \*502  
 —, liquid fat in, \*383  
 —, neuropathic, \*483  
 —, radiological changes in, 382  
 —, rheumatoid, 497  
 —, synovial chondrosarcoma of, \*502  
 —, monoarthritis of, \*391  
 —, osteoarthritis, \*483  
 —, osteochondral fractures of, \*386  
 —, osteochondritis dissecans of, \*386  
 —, rheumatoid, \*483  
 —, — arthritis of, \*310  
 —, —, joint affections, \*309  
 —, —, surgery of, in aged, \*310
- Lacrimal gland**, lymphoepithelial lesion of, \*310  
**Laennec's cirrhosis** and rheumatic syndrome, \*310  
**Latex agglutination tests**, \*198  
 — test in rheumatoid arthritis, \*198  
 —, — of Singer and Plotz, \*307  
**L.E. cells**, \*488  
 — in active rheumatoid arthritis, \*307  
 — and rheumatoid arthritis, \*92, \*195  
 —, — like phenomenon and pseudo-rosettes, induction of, \*195  
 — factor in rheumatoid arthritis, 91  
 — phenomenon, \*389  
**Lederhose disease**, pathogenesis of, \*387  
**Lens**, subluxated, cataractous, \*388  
 —, —, in Marfan's syndrome, \*388  
**Leprosy**, acute exudative arthritis in, \*187  
 — and nephrotic syndrome, \*92  
**Lesion**, disco-somatic, in ankylosing spondylitis, \*383  
 —, inflammatory, and connective tissue, \*390  
 —, glomerular, \*500  
**Leucocyte sedimentation rate** in acute rheumatism, \*300  
**Leukocytes** of rheumatoid synovial fluid, \*197  
 —, synovial fluid, inclusion bodies in, 195  
**Leukaemia**, acute myeloblastic, and systemic lupus erythematosus, \*194  
 —, childhood, \*385  
**Ligament**, longitudinal, protrusion of, 386  
**Lincomycin therapy**, 200  
**Lipid levels**, chemical components in blood and obesity, 188  
**Lipoid nodules**, \*483  
**Lipopolysaccharides**, \*307  
**Liver antibodies**, \*198  
**Löffler's pneumonia**, \*389  
**Lumbar disk**, herniated, and gas myelography, \*186  
 — intervertebral disk lesions, therapy of, \*202  
**Lung** in Behget's syndrome, \*484  
 —, cavitating rheumatoid nodules in, 381  
 —, cavitation of, \*301  
 —, embolism of, 205  
 —, function testing of, \*388

- , hypertrophic osteoarthropathy of, \*502
- , infection of, and rheumatoid arthritis, 183
- , lesions of, \*483
- , lobe fibrosis, 484
- , manifestations of, in progressive systemic sclerosis, \*389
- , rheumatoid, \*83 *bis*
- , —, disease of, \*301
- , in scleroderma, \*389
- , tuberculosis of, arthralgia in, \*310
- Lupoid syndrome, \*389
- Lupus erythematosus, betamethasone in, 496
- , —, chronic, muscle changes in, \*488
- , —, —, serology in, \*492
- , —, corneal staining in, 191
- , —, discoid, \*488
- , —, disseminated, and thrombocytopenia, 194
- , —, —, and idiopathic thrombocytopenia, 194
- , —, drug-induced, 488
- , —, immunoglobulins in skin in, \*96
- , —, immunology of, \*97
- , —, induced by gold therapy, \*202
- , —, myopathy in, \*488
- , —, positive, 306
- , —, serology of, \*96
- , —, and severe anaemia, \*488
- , —, systemic, \*389 *bis*
- , —, —, and acute myeloblastic leukaemia, \*194
- , —, —, and aseptic bone necrosis, \*92
- , —, —, and chorea minor, \*488
- , —, —, immunology of, 487
- , —, —, immunosuppressors in, \*202
- , —, —, lymphocytes in, 95
- , —, —, megakaryocyte immunofluorescence in, \*93
- , —, —, and nephritis, 387 *bis*
- , —, —, and nephrotic syndrome, \*92
- , —, —, psycho-social and emotional disturbance in, 304
- , —, —, and pulmonary nocardiosis, \*92
- , —, —, and recurrent acute pancreatitis, \*92
- , —, —, and renal tubular dysfunction, 192
- , —, —, serology of, \*96, \*198, \*307, \*492
- , —, —, serum iron levels in, 308
- , —, —, small bone changes in, \*305
- , —, —, and thrombotic thrombocytopenic purpura, \*488
- , —, —, thymus in, 304
- , —, —, and vascular syndrome, \*389
- , —, —, visceral, pancreatitis in, \*92
- Lupus-like syndrome, \*202, 304
- , nephritis, \*389
- Lymphatic system, cytology and histology of, \*97
- Lymphocytes and transplantation immunity, \*391
- , in systemic lupus erythematosus, 95
- Lymphoma and Sjögren's syndrome, 204
- Lysine-vasopressin, \*494
- Lysozyme, \*493
- , in joint effusions, \*489
- Macrodactyly of carpal tunnel syndrome, \*91
- Maculopathy, 202
- Marfan's syndrome, 190, \*388 *quater*
- , —, mitral insufficiency in, \*90
- , —, and limb-length discrepancy, \*90
- , —, in neonate, \*310
- , —, skeleton in, \*487
- , —, and tricuspid and mitral regurgitation, \*90
- Medical trials and long-term therapy, \*500
- Mefenamic acid, \*203
- , —, and rheumatoid arthritis, \*396
- Megakaryocyte immunofluorescence in idiopathic thrombocytopenic purpura and systemic lupus erythematosus, \*93
- Megalocornea, bilateral, \*388
- Mercaptoethylamine, \*390
- Mercaptopurine in autoimmune haemolytic anaemia, \*92
- Metals, reaction of, with collagen, \*390
- Metatarsus, surgery of, in rheumatoid arthritis, \*396
- Methyldopa, 306, \*493
- Methylprednisolone, \*203
- , acetate in external humeral epicondylitis, \*191
- , —, in periarthritis of shoulder, \*191
- Microscopy, \*391
- , compensated polarized light, \*385
- Midlands, East, coalfield, rheumatoid pneumoconiosis in, 381
- Mitral insufficiency in Marfan's syndrome, \*90
- , —, rheumatic, 81
- Mongolism, hyperuricaemia in, 88
- Monoamine oxidase, inhibitors of, 499
- Monoarthritis of knee, \*391
- Morocco, ankylosing spondylitis in, \*301
- Morquio's syndrome in infant and adult, \*502
- Morton's metatarsalgia, \*191
- Mucopolysaccharides, metabolism of, \*97
- , of herniated human intervertebral disks and semi-lunar cartilages, \*91
- , urinary, measurement of, \*308
- Mumps arthritis, 86
- Muscle, diseases of, \*301
- , skeletal, and cortisone, \*203
- Myasthenia gravis, \*389
- Mycoplasma antibody in Behcet's disease, \*383
- Myeloma, multiple, 385, \*389
- Myelomatosis, \*389
- Myopathy, cervical, 387
- , —, spondylosis in, 90
- , —, in systemic lupus erythematosus, \*488
- Myocardium, dysfunction of, 380
- Myopathy, \*202
- , late-life, and Sjögren's syndrome, 204
- , osteomalacia, and hyperparathyroidism, \*190
- , sarcoid, \*304
- Myositis ossificans, glycosaminoglycans in, \*390
- , progressiva, \*304
- Myxoedema and gout, 384
- Nagasaki, rheumatoid arthritis in, \*301
- Narcodiosis, pulmonary, in systemic lupus erythematosus, \*92
- Necrosis, aseptic bone, \*386
- , —, of femoral head, \*310
- , —, and osteomyelitis, \*483
- , avascular, and gout, \*385
- , cystic medial, \*388
- , pathogenesis of, of femoral head in adults, \*190
- , primary, of hip, \*190
- , renal papillary, \*396, \*500
- Neonate, Marfan's syndrome in, \*310
- Neoplasty and hyperuricaemia, 384
- Nephrotic syndrome, antinuclear factors in, \*92
- Nerve root lesions in tabetic arthropathy, \*310
- Neurology of Behcet's disease, \*384, \*484
- Neuromyopathy, chloroquine, \*395
- Neuropathy, peripheral, \*488
- Neutropenia, cyclic, 493
- New Guinea, rheumatoid factor in, \*198
- Niflumic acid, \*310, 496, \*500

- Nitrogen mustard, intra-articular, \*390  
 Nodule, cavitating rheumatoid, in lung, 381  
 —, rheumatoid, \*83, \*301  
 Norgaard's rheumatoid arthritis in toxic hypertrophic osteopathy, \*90  
 Nucleus, extracellular material, serology of, \*493
- Obesity, lipid levels and chemical components in blood, 188  
 Oculo-arthritis syndrome, 483  
 Odontoid process, fracture of, \*483  
 Oesophagus, abnormalities of, \*205  
 —, lesions of, in dermatomyositis, 193  
 —, motility of, \*94  
 Oligo-arthritis, chronic, in children, \*185  
 Onycho-osteoarthrodysplasia, hereditary, \*90  
 Ophthalmoscopy, 388  
 Oral manifestations in scleroderma, \*194  
 Osmic acid, intra-articular, \*309, 497  
 Ossification, posterior paravertebral, 387  
 Osteoarthritis, bilateral destructive of hip, \*383  
 —, fenamates in, \*203  
 —, of hip, \*484 bis, \*500  
 —, of hip joint, \*383 bis  
 —, <sup>85</sup>Sr in, \*186  
 —, surgery of, \*84  
 —, treatment of, \*186  
 —, horizontal, of hip, \*186  
 —, idiopathic, of hip, \*84  
 —, incapacitating, of hip, \*84  
 —, premature, \*301  
 —, unilateral idiopathic, of hip, \*186, \*301  
 Osteoarthropathy in bronchial carcinoma, 501  
 —, hypertrophic, \*502  
 —, pulmonary hypertrophic, \*502  
 Osteoarticular disease, non-inflammatory, niflumic acid in, \*310  
 Osteochondritis dissecans of knee, \*386  
 —, of astragalus, \*304  
 —, in children, \*190  
 —, postirradiation pulmonary costal, \*386  
 Osteoid, measurement of, \*487  
 —, in metabolic bone disease, \*487  
 Osteomalacia, \*190, 385, \*386  
 —, calcium infusion test in, 89  
 —, in elderly women, 189  
 Osteomyelitis and aseptic necrosis, \*483  
 —, in children, \*190  
 —, staphylococcal, acute, 200  
 —, —, chronic, 200  
 —, typhoid, of calcaneus, \*90  
 Osteonecrosis of big joints, \*90  
 —, primary, \*304  
 Osteopetrosis, florid, \*190  
 Osteoporosis, \*304, \*386 bis, \*483  
 —, calcium deficiency in, \*90  
 —, cortisone-induced, and calcium, \*90  
 —, in Johannesburg Bantu males, \*190  
 —, juvenile, \*304  
 —, radiographic diagnosis of, \*190  
 —, in rheumatoid arthritis, 89, \*190, 300  
 —, and siderosis and ascorbic acid deficiency, \*190  
 —, and sodium fluoride, 189  
 —, vertebral, corticosteroids in, \*500  
 Osteotomy, \*500  
 —, intertrochanteric displacement, \*383  
 —, vertebral, \*499  
 Oxygen, hyperbaric, \*396  
 Oxyphenbutazone therapy, 102
- Paget's disease, \*386 bis  
     —, in Australia, \*386  
     —, of bone, excretion of collagen-like fibres, \*190  
     —, —, lesions in, 190  
     —, —, therapy in, 308  
     —, —, and scleroderma, \*92  
 Pain, clinical measurement of, \*502  
 —, control of, \*206  
 —, in extremities in children, \*386  
 —, low back, \*203  
 —, rheumatic, and weather, \*310  
 Panarthritis, ensheathing, \*83  
 Pancreas, function of, in Sjögren's syndrome, \*310  
 Pancreatitis, acute, \*395  
 —, recurrent acute, and systemic lupus erythematosus, \*92  
 —, in visceral lupus erythematosus, \*92  
 Panmyelopathy, chronic idiopathic, \*389  
 —, lupoid, \*389  
 Parotid gland, \*305  
 Pelvo-spondylo-polyarthritis in childhood, \*186  
 Penicillin, \*395  
 —, prophylactic, in acute rheumatism, 480  
 Penicillin G, diethylaminoethylester hydriodide salt of, in scleroderma, 91  
 Peptides, study of, \*391  
 Periarthritis nodosa, 192, \*389  
 —, —, ocular manifestations of, 192 bis  
 Periarthritis, acute humeroscapular, therapy, \*304  
 —, of hip, 90  
 —, scapulohumeral, and shoulder-hand syndrome, 190  
 —, of shoulder and coronary disease, \*387  
 Pericarditis, sclerodermic, \*488  
 Permeability of articular cartilage, \*389  
 Phagocyte, function of avian synovial membrane, 305  
 Phenyl-and monophenylbutazone, comparison of therapy, 102  
 Phenylbutazone in rheumatoid arthritis, \*203  
 —, therapy, 102  
 Phlebitis, granulomatous relapsing, \*384  
 Phosphomonoesterases of synovium, \*392  
 Physical medicine and rehabilitation, \*500  
 —, —, in rheumatoid arthritis, \*203  
 Physiotherapy in rheumatoid arthritis, \*203  
 —, in rheumatology, \*203, \*396  
 Pituitary and adrenocortical function studies, 308  
 Plasma cortisol and renovascular hypertension, \*97  
 —, human, corticosterone in, \*392  
 —, —, cortisol in, \*392  
 —, hydrocortisone, \*392  
 —, mucopolysaccharides, \*198  
 —, proteins, 391, 392  
 Platelet/connective-tissue reaction and aspirin, \*104  
 Pleura, chyliiform effusion of, \*483  
 —, lesions of, \*483  
 —, rheumatoid effusion in, \*83  
 Pleuritis, rheumatoid, 482  
 Pneumoconiosis, rheumatoid, in East Midlands coalfield, 381  
 Polyarteritis nodosa and arteriovenous fistula, \*194  
 —, —, and dysoric retinopathy, \*488  
 —, —, and optic neuropathy, \*92  
 —, —, and parotid gland, \*305  
 —, —, and spontaneous kidney rupture, \*92  
 Polyarthritis, adjuvant-induced, \*391  
 —, ankylosing, chronic, \*307  
 —, autohaemotherapy in, \*203  
 —, in a child, \*301  
 —, chronic, differential diagnosis of, \*185

- , juvenile progressive, \*382
- , primary chronic, \*83
- , of progressive scleroderma, \*194
- , psoriatic, \*302
- , —, limb joints in, \*302
- , in rats, \*308
- , rheumatoid, \*500
- , —, immunodepressives in, 496
- , secondary chronic, nosological status of, \*83
- Polychondritis, \*386 *ter***
- , relapsing, \*90, 205, \*386
- , —, ocular changes in, \*386
- Polymyalgia, \*384**
- , rheumatica, \*194, \*389
- , —, and blindness, 193
- , —, and indomethacin therapy, \*92
- , —, and intermittent claudication, \*92
- , —, phenylbutazone and oxyphenbutazone in, 102
- Polymyositis, electron-microscopy of, 305**
- , ultrastructure of muscle in, \*389
- Polyvinyl chloride, 302**
- Poncet's tuberculous rheumatism, \*384**
- Posture and rheumatism, \*206**
- Prednisolone, biochemical study of, 198**
- , during pregnancy, 495
- , in rheumatoid arthritis, 482
- , therapy, \*203
- Pregnancy, gonococcal arthritis in, \*187**
- Procainamide, \*202, 304**
- Prosthesis, finger-joint, 497**
- Protein polysaccharide, connective tissue, \*199**
- , synthesis, \*199
- Proteins, contractile, \*385**
- Protocollagen, study of, \*390**
- Pseudogout syndrome, 302**
- Pseudopolyarthritis, rhizomelic, \*384**
- Pseudorheumatism of antituberculous chemotherapy, 104**
- Psoriasis arthropathica, temporomandibular joint changes in, 86**
- , histopathology and histochemistry of, \*87
- Psoriatic polyarthritides, spine in, \*302**
- Psychopharmacology, 494**
- Pulseless disease, 388**
- Purpura, idiopathic thrombocytopenic, megakaryocyte immunofluorescence in, \*93**
- , thrombocytopenic, \*92
- Pyridoxine, \*395**
- Q-T interval in acute rheumatism, 182**
- Radioisotope assessment of steroid hormone secretion, \*199**
- Radioisotopes for diagnosis, \*199, \*500**
- Ragocyte, synovial, \*197 *bis***
- Rats, adjuvant disease in, \*97**
- , arthritis in, \*308
- , polyarthritis in, \*308
- Raynaud's disease, \*205, \*305, \*396**
- , —, in children, \*305
- , —, and ischaemic optic neuropathy, 193
- Rehabilitation treatment, physical working capacity during, \*502**
- Reiter's dermatosis, spine in, \*302**
- , syndrome, 85, \*205, \*302
- , disease, endocarditis in, \*384
- , —, synovitis of, 85
- Renal lesion, pathogenesis of, 103**
- , tubule and acetylsalicylic acid, \*203
- Reserpine, 310, \*395**
- Retina, changes in, after chloroquine therapy, \*395**
- , electric activity of, 394
- Retinopathy, chloroquine, 394, 498**
- , in dermatomyositis, \*194
- , dysoric, in polyarteritis nodosa, \*488
- , and synthetic anti-malarial drugs, 499
- Ribonucleic acid synthesis, \*199**
- Rickets, \*386**
- Riedel's thyroiditis, \*396**
- Riley-Day syndrome, \*383**
- Rheumatic disease, indomethacin in, \*395 *quater***
- , systemic, 205 *bis*
- , —, unit, \*205
- , fever: *see* Rheumatism, acute
- , syndrome with Laennec's cirrhosis, \*310
- Rheumatism, acute, \*381 *quater***
- , —, in adults, \*82
- , —, antistreptolysin-O in, \*300
- , —, in approved schools, \*300
- , —, —, — in England and Wales, 1960-65, \*183
- , —, benzathine penicillin in, 183
- , —, carditis in, \*82, \*183
- , —, in children, \*300, \*481 *bis*
- , —, clinical problems of, in adults, \*183
- , —, distreptase skin test in, \*300
- , —, in Egypt, \*300
- , —, immunoglobulin in, \*307
- , —, immunological studies in, \*307
- , —, inactive, \*82
- , —, incidence in Nashville, \*183
- , —, Jokinen's test in, \*300
- , —, leucocyte sedimentation rate in, \*300
- , —, in old age, \*300
- , —, penicillin in, 480
- , —, in pregnancy, \*82
- , —, prophylaxis of, with benzathine penicillin, \*183
- , —, Q-T interval in, 182
- , —, and renal lesions, 480
- , —, in siblings, 480
- , —, and tonsillectomy, 481
- , —, triacetyloleandomycin in, \*381
- , central nervous system involvement in, \*185
- , childhood, clinical presentation in, \*186
- , chronic, heart in, \*183
- , —, inflammatory, synovectomy in, \*396
- , —, —, in Turkey, \*502
- , disorders of, sero-diagnosis of, \*198
- , epidemiology of, \*83
- , immunoconglutinin in, 305
- , inflammatory, ragocytes in, \*197
- , —, synovectomy in, 201
- , —, and synovium, \*305
- , lung cavitation in, \*301
- , —, disease in, \*301
- , Poncet's tuberculous, \*384
- , and posture, \*206
- , subacute with ocular manifestations, 182
- , and tuberculosis, \*205
- , in Uganda, \*481
- , and uveitis, \*205
- Rheumatoid arthritis: *see* Arthritis, rheumatoid disease, \*97**
- , factor, \*97 *ter*, 306, \*307 *quater*, \*391 *ter*, \*492 *ter*
- , disorders, \*198
- , —, genetic study of, 185
- , —, and sarcoidosis, 490
- , —, serology of, in New Guinea, \*198
- , syndrome and polychondritis, 205

- purpura, prognosis of, 193  
 Rheumatology, biochemical studies in, \*308  
 —, physiotherapy in, \*203  
 —, ultrasound in, \*203  
 —, virus studies in, \*206  
 Roentgenography and Sjögren's syndrome, 204  
<sup>85</sup>Sr in osteoarthritis of hip, \*186  
 Sacro-iliac joint, roentgenography of, \*205  
 Sacroiliitis, \*391  
 Salicylate, effect of, on gastric mucosal barrier, \*104  
 — intoxication in children, \*310  
 Salicylates, anti-inflammatory effects of, 393  
 Salicylic acid: *see Acid, salicylic*  
 Saliuretic therapy in gout and diabetes, 103  
 Salivary kallikrein levels, \*494  
 Sarcoidosis, \*307  
 — with polyarthritis, \*301  
 — and rheumatoid factor, 490  
 —, skeletal manifestations in, \*502  
 Schirmer tear test, 501  
 Schönlein-Henoch's purpura, \*488 *bis*  
 — —, gastrointestinal and roentgenological manifestations of, 388 *bis*  
 — syndrome, \*389  
 Scleritis, 385  
 Sclerodactyly, \*205  
 —, syndrome of, \*305  
 Scleroderma, \*389 *ter*  
 — and beta-aminopropionitrile, \*92  
 —, dermis in, \*199  
 —, dextran 40 in, 309  
 —, lung in, \*389  
 — and myocardial and vascular involvement, \*389  
 —, ocular manifestations in, 388  
 —, oesophagus in, \*389  
 —, oral manifestations in, \*194  
 — and Paget's disease, \*92  
 —, progressive, \*488 *bis*  
 — —, polyarthritis of, \*194  
 — —, and serum enzymes, \*92  
 —, pulmonary, 92 *bis*  
 —, Raynaud's phenomenon in, \*396  
 —, renal involvement in, \*488  
 —, rib erosions in, \*92  
 —, systemic, treatment of, \*395  
 —, telangiectatic changes in, \*92  
 —, treatment of, 91, \*310  
 — —, by colchicine derivatives, 101  
 Sclerosis, fatal systemic, epidemiology of, 191  
 —, progressive systemic, \*389  
 — —, and lungs, \*389  
 Serological studies, 491 *bis*  
 Sedimentation rate, elevation of, 500  
 Serum agglutinators, \*307 *bis*  
 — alkaline phosphatase and corticosteroids, \*502  
 — anti-lymphocyte, 390, \*391  
 — copper level, \*382  
 — gamma-globulin factor, \*307  
 — glycoproteins, \*310  
 —, heart tissue in, \*492  
 —, horse anti-pig leucocyte, \*391  
 — immunoglobulin in rheumatoid arthritis, \*307  
 — immunoglobulins, \*97  
 —, rheumatoid, complementary lysis, \*198  
 — tyrosine level, \*301  
 — uric acid concentration in business executives, 187  
 — — — levels, familial aggregation of, \*89  
 — — — and lipid concentrations, correlations of, in men, 188  
 Sheep cell agglutination test, \*492  
 Shoulder, periarthritis of, \*387  
 — —, methylprednisolone acetate in, \*191  
 Shoulder-hand syndrome caused by chemotherapy, \*191  
 — — and coronary disease, \*387  
 — — and scapulohumeral periarthritis, 190  
 Siblings, acute rheumatism in, 480  
 Sickle-A haemoglobin disease, \*310  
 Siderosis and osteoporosis and ascorbic acid deficiency, \*190  
 Silvermann's syndrome, 501  
 Sjögren's syndrome, 204 *quater*, \*205, 388, \*488, \*502  
 — — and lymphoepithelial lesion, \*310  
 — — and pancreatic function, \*310  
 — —, pathogenesis of, 487  
 — —, serology in, 491  
 Skin, clinical pathology of, \*205  
 — collagenase, \*489  
 —, distreptase test, in children, \*300  
 —, reactivity of, 205  
 Sodium fluoride in osteoporosis, 189  
 — salicylate, hyperglycaemic action of, \*104  
 Spine, cervical, in rheumatoid arthritis, \*483  
 —, compression of, \*386  
 —, deformity of, \*499  
 —, lumbar, surgery of, \*396  
 —, tabetic arthropathy of, \*310  
 —, lumbosacral, surgery of, \*396  
 — in psoriatic polyarthritis, \*302  
 — in Reiter's dermatosis, \*302  
 —, thoracic, non-traumatic fracture of, in ankylosing spondylitis, \*186  
 Spondylitis, ankylosing, 383 *quinter*  
 — —, clinico pathology of, \*484  
 — —, destructive lesions in, 84  
 — —, disco-somatic lesions in, \*383  
 — —, erosive vertebral disease in, \*383  
 — —, flufenamic acid in, \*203  
 — —, and Grönblad-Strandberg's syndrome, \*484  
 — —, indomethacin in, 100  
 — —, lung lobe fibrosis in, 484  
 — —, in monozygotic twins, \*383  
 — —, in Morocco, \*301  
 — —, and nontraumatic fracture of thoracic spine, \*186  
 — —, ocular complications in, 383  
 — —, treatment of, \*85  
 — —, ulcerative colitis in, \*484  
 — —, rheumatoid, heart in, \*484  
 Spondylo-epiphyseal dysplasia tarda, \*301  
 Spondylosis cervical, \*387, \*483  
 — —, in aetiology of cerebral embolism, \*186  
 — —, myelopathy of, 90  
 — —, lumbar, \*387  
 Stenosis, aortic, in old age, 380  
 — —, mitral, 299  
 — —, rheumatic tricuspid stenosis, 183  
 Steroid studies, \*392 *bis*  
 — — therapy, 202, \*203, \*396  
 — — —, ocular complications in, \*202  
 Steroidogenesis, ascorbic acid in, \*199  
 Steroid-protein binding, study of, \*308  
 Steroids, androgenic-anabolic, \*392  
 Stiffness, assessment of, \*502  
 Still's disease, \*185 *ter*, \*186 *bis*, \*301 *bis*, \*382 *bis*  
 — — —, diagnosis and treatment of, \*186  
 — — —, heart in, \*484  
 — — —, long-term treatment of, \*186  
 — — —, ocular involvement in, \*382  
 — — —, oculo-articular syndrome in, 483

- , rash in, \*483
- Stomach, glandular, treatment for, \*499
- Streptococcus, group A, \*391 *bis*
- , —, and mammalian tissue, \*391
- , infections of, \*481
- Sublimate test, \*392
- Surgery, orthopaedic, \*203
- Synumar therapy, \*104
- Synovectomy, \*396 *quater*
  - of articular cartilage, 201
  - in inflammatory rheumatism, 201
  - in rheumatoid arthritis, \*202, 309, \*310, \*500
- Synovial villi, \*196
- Synoviorthesis, \*396 *bis*, \*500
- Synovitis, coccidioidal, of knee, 383
- , crystal, \*390
- , exudative proliferative intra-articular, \*395
- of Reiter's disease, 85
- , villonodular, pigmented, \*487 *bis*
- Synovium, 93, \*483 *bis*
  - and arterial plasma, \*94
  - , —, in arthritis, \*483
  - , avian, 305
  - , bacterial infections of, \*384
  - , biochemical studies of, \*94
  - , biopsy, in rheumatoid arthritis, \*94
  - , in arthritis, \*483
  - , cell reaction of, 93
  - , chondromatosis of, \*502
  - , chondrosarcoma of, \*502
  - , crystals in, \*385, 486
  - , and dimethylsulphoxide, \*390
  - , enzymatic activity in, \*392
  - , histology of, in articular pathology, \*197
  - , human cells of, \*391
  - , hyaluronic acid in, \*197
  - , inclusions of, cytochemistry and ultrastructure of, \*197
  - and inflammatory rheumatism, \*305
  - , isozymes in, \*197
  - , leucocytes in, 305, \*492
  - , lymph-node permeability factor in, 195
  - , mononuclear cells of, 481
  - , non-rheumatoid, 392
  - , permeability of, \*197
  - , phosphomonoesterases of, \*392
  - , ragocytes in, \*197, \*489
  - , rheumatoid, 392 *bis*, \*483, 489
  - , —, cells of, \*196
  - , —, factor in, \*94
  - , —, fluid of, \*197
  - , —, and  $\gamma$ -G-globulin, \*94
  - , rupture of, \*482
  - , structure and permeability, \*390
  - , ultrastructure of, \*389
- Takayasu's disease, 388
  - , dysgenetic origin of, \*194
- Telangiectasia, \*205, \*305
- Tendinitis, \*191
- Tendon calcification, \*191
  - vascular, \*191
- Tenolysis in hand and wrist, \*203
- Tenosynovitis, styloradial, \*387
- Test, R.A., \*492
- Tetany, \*395
- Thermography, \*502
- Thermal therapy in rheumatoid arthritis, \*203
- Thiotepa, \*395, \*396
  - , intra-articular, 393
- Thrombocytopenia and disseminated lupus erythematosus, 194
  - , idiopathic, and disseminated lupus erythematosus, 194
- Thrombosis, vascular retinal, \*385
- Thymus, histology of, 304
  - , non-steroid anti-inflammatory agents in, \*310
- Thyroectomy and pseudohypoparathyroidism, \*199
- Tietze's syndrome in childhood, \*191
- Tissue calcifications, pathological, \*191
  - culture, fibrogenesis and osteogenesis of, 196
- Tonsillectomy and acute rheumatism, 481
- Transcoratin and corticotrophin treatment, \*395
- Transplantation, \*391 *bis*
- Trenimon and rheumatoid arthritis, \*396
- Triacytolyandomycin in acute rheumatism, \*381
- Triamcinolone acetonide, \*203
  - hexacetonide in intra-articular therapy, 99, \*396
- Trimethazone, \*310
- Tritium, retention of, \*391
- Tuberculosis, \*205
  - and adrenal corticosteroids, \*499
- Turkey, chronic inflammatory rheumatism in, \*502
- Twins, monozygotic, ankylosing spondylitis in, \*383
  - , —, juvenile rheumatoid arthritis in, \*382
- Uganda, endomyocardial fibrosis and rheumatic disease in, \*481
- Ultrasound in rheumatology, \*203
- Ultrastructure, \*389 *bis*
- Uraemia, chronic, \*302
  - , uric acid levels in, 485
- Urate homeostasis, renal mechanism for, 485
- Uric acid: *see* Acid, uric
- Urinary calculi and analgesics, 103
  - 17-ketogenic steroids, \*392
- Urine, hydroxyproline excretion in, \*97
- Uveitis, \*205
  - , chronic, \*499
  - , plastic, 484
- Valves, heart, disease in, \*481
- Valvoplasty, aortic, \*481
- Vascular syndrome, \*389
- Vasculitis, cutaneous, \*488
- Vena cava, inferior, and vertebral column disease, \*91
- Venography, intraosseous vertebral, \*91
- Vertebra, age and strength of, \*386
  - , erosive disease of, \*383
- Virus studies in rheumatology, \*206
- Vision, changes of, after antimalarial medication, 394
- Vitamin D<sub>3</sub>, triated, 385
- Waaler-Rose reaction, \*97
- Waldenström's disease, \*502
- Ward rounds, statistical, \*500
- Warfarin, anticoagulant effect of, by phenylbutazone, 102
- Weather and rheumatic pain, \*310
- Weight reduction in rheumatology, \*205
- Whipple's disease, \*384
  - , light- and electron-microscopy of bacterial invasion in, 186
- Women, elderly, osteomalacia in, 189
  - , gout in, \*189
- Wound healing, effect of drugs on, \*499
- Wrist, tenolysis in, \*203
- Xanthine oxidase inhibitor, \*385

# INDEX TO AUTHORS OF ARTICLES ABSTRACTED

\*indicates that only the title of the article is given

- Abboud, R. T., \*395  
Abdel-Galil, \*499  
Abdel-Salam, R., \*198  
Abdin, Z. H., \*300  
Abramson, J. H., \*83 bis  
Abul Fadi, M. A. M., \*300  
Accardo, S., \*307  
Achach, P., \*396  
Ackerman, G. L., 494  
Acs, \*395  
Adam, \*302, \*390 ter  
Adams, \*90  
Adams, W. G. F., 302  
Adler, E., \*83 bis  
Aggeler, P. M., 102  
Agrawal, T. P., \*382  
Aignan, M., \*500  
Akiyama, H., 387  
Aledort, \*104  
Alekseev, B. N., 201  
Alfano, J. E., \*202  
Ali, \*187  
Allende, \*91  
Allinson, M., 501  
Alpert, L. I., \*488  
Alton, F. I., 485  
Ament, M. E., \*384  
Amor, B., 89, \*206, 491  
Amsler, \*91  
Anderson, B., Sr., 205  
Anderson, C. E., \*483  
Anderson, J. R., 304  
Anderson, W., 380  
Andrews, \*483  
Angelino, P. F., \*481  
Anschiütz, F., \*183  
Ansell, B. M., \*395  
Antoine, F., 484  
Aquilani, M., 92  
Arata, L., \*393  
Arcomano, \*389  
Ardouin, \*194  
Ardouin, M., 499 bis  
Arnold, O. H., 205  
Arnstein, A. R., \*386  
Arthuis, M., \*194  
Ashburn, \*500  
Asherson, \*307 bis, \*493  
Ashfield, \*396  
Astorga, G., \*396  
Astorga, P. G., 195  
Atai, M., 390  
Atwater, E. C., \*307  
Audier, M., 182  
Auquier, \*186  
Auscher, C., 89  
Ayrelles, C., \*500  
Azouri, F. J., 205  
Azoury, \*92  
Babický, A., \*199  
Bach, \*198  
Bäcklund, L., \*301  
Bailey, E., 198, 482  
Bain, L. S., \*83, 99 bis, \*203  
Bakos, L., \*203  
Balazs, E. A., \*197  
Balazs, N. D. H., 308  
Balch, H. W., 99  
Bálint, G., \*104 bis, \*202  
Ball, T. J., Jr., 384  
Ballario, R., \*487  
Barazer, C., \*309, 495  
Barbosó, B., \*383  
Barceló, P., \*489  
Barden, J., 197  
Barisone, D., \*307  
Barlow, K. A., 484, 501  
Barnes, C. G., \*83, \*89  
Barnett, E. V., \*307, \*483  
Baron, M. G., \*185  
Barry, \*386  
Barry, P. E., 87  
Bartoletti, L., \*307  
Bartos, V., \*310  
Barwick-Schramm, A., \*83  
Bassett, C. A. L., 196  
Bates, M. M., \*183  
Batschwarov, \*389  
Battaglia, A., \*194  
Baufine-Ducrocq, H., \*92  
Baum, J., \*382  
Baumer, A., \*195, 385, 394  
Baxter, A., \*493  
Beardwell, \*203  
Beaton, J. M., 494  
Beatty, \*386  
Beatty, D. C., \*203  
Bec, P., \*202  
Béchac, G., \*488  
Beck, \*389  
Beck, J. S., 306  
Becker, B., \*202  
Beckman, G., \*197  
Beckman, L., \*197  
Bedoisseau, M., 496  
Beickert, A., \*389  
Beidas-Jubran, N., \*395  
Beilin, L. J., 484  
Bek, V., \*199  
Bell, \*386  
Bell, W. R., \*194  
Ben Hador, S., \*83 bis  
Benamara, M., 90  
Benatre, A., \*389  
Benedek, T. G., 188  
Benfield, J. R., 308  
Benhamida, M., \*194  
Benjamin, \*310  
Benner, \*389  
Bennet, P. H., 185  
Benoist, M., \*197  
Benson, W. F., \*310  
Bentwich, Z., \*391  
Berato, J., \*89, \*92  
Berk, \*383  
Berkman, M., 190  
Bernacka, K., \*492  
Bernard, R., \*185  
Bernheim, \*385, \*502  
Bernier, \*390  
Bernstein, D. S., 189  
Berthon, M.-P., \*395  
Bessière, E., 394  
Besson, J., \*304, \*309, 495  
Bevan, \*194  
Bhatnagar, \*390  
Bianco, G., \*83  
Bickel, W. H., \*310  
Biddau, A., \*307  
Bied, J. C., 89, \*500  
Bielický, T., \*492  
Bienenstock H., 91  
Bienenstock, J., 305  
Bienick, J., \*301  
Bilecen, L., \*502  
Bilká, P. J., \*94  
Billingham, \*391  
Bishol, \*198  
Blackman, J. E., 103  
Blagojević, M., 388  
Blau, \*310  
Blaufox, \*199  
Blichert-Toft, \*392  
Bloch, K. J., 305, \*502  
Bloch-Michel, H., \*197  
Block, M. A., \*483  
Block, W. D., 187  
Blodgett, R. C., Jr., 490  
Blumenfeld, \*487  
Boardman, P. L., 393  
Bocchi, L., Jr., \*500  
Boffi Boggero, H. J., \*390  
Bogdanikowa, B., \*492  
Bogniel, J.-C., 385  
Böhmk, C., \*104  
Boissier, J.-R., \*308  
Böke, W., 385, 394  
Bole, G. G., \*198, \*483  
Bollet, A. J., 195  
Böni, A., \*203  
Bonito, G., \*198  
Bonnefond, O., \*89, \*92  
Bonner, W. M., Jr., \*94  
Bonnet, H., 202  
Bonnet, J.-L., \*385  
Boncimo, L., \*391  
Borlaix, \*202  
Boisoux, D., \*383, \*387, 491  
Beros, B., \*388  
Boss, J. H., \*391  
Böttiger, L. E., 95  
Bouchier, \*484  
Bouillet, R., \*382  
Bourde, C. H., 189  
Bourdeaux, J., \*310  
Bourel, M., \*96  
Bourlond, A., \*484  
Bouzas, A., \*499  
Bower, \*483  
Bowie, E. A., 385  
Bowman, D. M., \*198  
Bowyer, F., 484  
Boyle, J. A., \*301, \*307, \*483  
Brandfass, W. T., \*84  
Bränemark, \*203  
Bränemark, P. I., \*310  
Brantigan, C. O., 489  
Braun, S., 88, \*396  
Bravi, A., \*83  
Brazzanini, G., \*396  
Breckenridge, A., \*493  
Breckenridge, R. T., 194  
Brégeon, C., \*309, 495  
Bremová, A., \*382  
Brettschneider, L., 489  
Brezezińska, B., \*382  
Bricaud, H., \*484  
Brinkmann, A., 385  
Brochier, M., \*389  
Brocks, B. E., \*203  
Brody, G. L., 185  
Brooks, J. C., Jr., \*205  
Brostoff, \*494  
Brouet, G., 92  
Brouillet, H., 491  
Brown, \*202, \*386, \*395  
Brown, J. W., \*502  
Brózik, H., \*386  
Bruckner, \*487  
Brühl, W., \*492  
Brunt, P. W., 383  
Brzosko, W. J., \*301  
Brzozowska, A., \*382  
Buchanan, I. S., \*390  
Buchanan, W. W., \*307, \*483  
Buchmann, E., \*203

- Buckley, C. E., 487  
 Buffaloe, W. J., 395  
 Bulloough, \*502  
 Bumba, \*392  
 Bunim, J. J., 185  
 Buntin, \*502  
 Burch, \*301  
 Burch, T. A., 185  
 Burke, E. C., 387  
 Burtonboy, G., \*486  
 Butzow, \*390  
 Bywaters, E. G. L., \*83
- Cabanel, G., \*389, \*395  
 Cade, \*97  
 Calabro, \*185, \*483  
 Calkins, E., 93, \*205  
 Calmettes, L., \*202, \*488  
 Calnan, \*500  
 Campbell, W. G., Jr., \*390  
 Camus, J. P., 98  
 Canepa, F., \*194, \*301  
 Capper, A. A., \*206  
 Caranasos, G. J., 86  
 Carcassi, A., \*83  
 Cardoe, N., \*203  
 Carion, R., \*202  
 Carli, G., \*301  
 Carmichael, \*83  
 Caroit, M., 384  
 Carpenter, \*381  
 Carras, R., \*386  
 Carrière, J., 190  
 Caruso, I., \*396  
 Casademont, M., \*190  
 Casey, T. P., 496  
 Cassidy, J. T., 185  
 Castagnari, L., \*307  
 Castagnoli, M., 92  
 Castanedo, J. P., 490  
 Castellazzo, E. B. di, \*387  
 Castello, D., \*487  
 Catanzariti, L., 496  
 Catoggio, P. M., \*390  
 Catterall, R. D., 85  
 Cawley, M. I. D., 195  
 Cayla, J., \*90, \*500  
 Cebecauer, L., \*391  
 Cerdán Vellejo, A., \*185  
 Cerrato, O., \*492  
 Certonciny, A., \*305  
 Červeňanský, J., \*383  
 Chaco, J., \*304  
 Challenor, Y., \*203  
 Chalmers, J., 189  
 Chandler, B. F., \*301  
 Chang, \*500  
 Chang, C. C., \*382  
 Chaouat, Y., \*186 bis, \*206  
 Chaplain, R., \*203  
 Chaptal, J., 202  
 Charleux, J., \*396  
 Chatard, P., 104  
 Chernof, \*395  
 Chesebro, \*493  
 Chevallier, J., \*309  
 Chiehe, P., 190  
 Chirtoc, G. H., \*300  
 Chisholm, \*388  
 Chlud, K., \*309, \*396, \*483
- Christian, \*391  
 Churg, J., 480  
 Chutorian, A., 81  
 Chvpil, M., \*305  
 Chwalińska, H., \*492  
 Cifatte, M., \*194, \*301  
 Ciurana, A., 202  
 Civica, D., \*492  
 Clark, \*494  
 Clark, M., \*94  
 Clarris, B. J., \*391  
 Clausen, J., \*493  
 Cloutier, \*304  
 Cluzel, J., \*89  
 Cocke, J. G., Jr., 394  
 Coffa, G., \*493  
 Cohen, \*390  
 Cohen, A. S., \*205, \*305  
 Cohen, P., 189  
 Cohen, S., 480  
 Coimbra, A., \*197 bis  
 Colamussi, V., \*396  
 Colinet, E., \*202  
 Colombini, G., \*381  
 Colombo, B., \*396  
 Coltman, \*389  
 Colton, \*500  
 Combebias, J. F., \*383  
 Commandré, F.-A., \*89, \*92  
 Conacher, W. D. H., 189  
 Condemi, J. J., 96  
 Conlon, P. W., 393  
 Consul, B. N., \*388  
 Cook, \*391  
 Cook, J., 82  
 Cook, J. B., 85  
 Copeman, \*396  
 Corcelle, L., 501  
 Corelli, F., \*310  
 Cormane, R. H., \*96  
 Cornil, \*494  
 Cortese, \*395  
 Coste, F., 491  
 Couchet, J., 201  
 Couzineau, P., \*92  
 Craddock, J. G., \*301  
 Creech, J. L., 303  
 Crispo, M., 92  
 Croft, J. D., 482  
 Cromartie, W. J., \*301  
 Crowley, L. V., 485  
 Cruchaud, A., \*202  
 Cruess, \*90  
 Cruess, R. L., 201  
 Cunliffe, \*488  
 Curran, \*194  
 Currey, \*391  
 Cutler, L. S., \*382
- D'Aeth, R., 485  
 D'Agostino, L., \*395  
 Dahlbäck, O., 501  
 Dalakos, J. G., \*307  
 Damacco, F., \*391  
 Danco, V., \*391  
 D'Angelo, W. A., 191  
 Das, G. C., 484  
 Dauod, \*310  
 Davenport, \*104
- David, P., \*381  
 David-Chaussé, F., \*89  
 David-Chaussé, J., \*89, 394  
 Davies, D., 381  
 D'Avino, R., \*393  
 Davis, J. S., \*97  
 Dawber, T. R., 87  
 Deaton, \*194  
 Debeyre, J., 201, \*396  
 Debeyre, N., 201, 496, 498  
 De Carvalho Azevedo, A., 183  
 Dechambre, H., \*186  
 Déchélotte, J., \*384  
 Decker, J. L., \*390  
 DeCoek, \*310  
 Decroix, \*484  
 De Ferrante, \*308  
 De Géry, A., 89  
 Delahaye, D., \*309, 495  
 Delaporte, J., \*502  
 De Laurenzi, A., \*307  
 Delbarre, \*186  
 Delbarre, F., 88, 89, \*396 bis, 491, \*500  
 Delcambre, B., \*304, 496  
 Delcourt, P., \*502  
 De Leeuw, \*199  
 De Leeuw, N. K. M., 482  
 Delia, S., \*307  
 Della Corte, L., \*300  
 Dellipiani, \*305  
 De Longree, R., \*202  
 Deloux, G., \*502  
 Delpech, J., \*202  
 De Lucena Costa, C. A., 183  
 De Mendonça, C. A., 183  
 De Muth, \*389  
 Denil, R., \*502  
 Denis, A., \*396  
 Denning, R. M., \*487  
 Déodati, F., \*202, \*488  
 De Paola, D., 204  
 Deparis, M., \*302  
 Dequeker, J., \*301  
 Deroubaix, P., \*488  
 Deroux, J., \*202  
 Deshayes, P., \*309, 495, \*502  
 Deshmukh, \*390  
 D'Eshougués, J. R., \*83  
 Desproges-Götteron, R., \*310  
 De Swarte, M., 182  
 Deutsch, A. R., 192  
 De Vitali, M. P., \*381  
 De Vries, \*486  
 Deyl, \*94  
 Dhainaut, J., \*304  
 Dhevillé, N. F., 493  
 Diamond, H. S., \*187  
 Diaz, R., \*191  
 Dick, W. Carson, \*483  
 Dietzman, \*90  
 Dirheimer, Y., \*500  
 Dlabac, A., \*310  
 Dobbins, W. O., III, 186  
 Dodge, H. J., \*89, 187  
 D'Oelanitz, M., 182  
 Dohmann, H., 183  
 Dollery, C. T., \*493  
 Domagk, \*494  
 Doni, A., \*307
- Doury, P., \*301  
 Doust, J. Y., \*310  
 Dowd, B., 481  
 Dowdle, É. B., 485  
 Downie, W. W., \*483  
 Doyle, E. F., 299  
 Drutz, \*392  
 Drygas, J., \*82  
 Dryll, A., 385  
 Duarte, F., 204  
 Dubińska-Bielicka, A., \*500  
 Dublin, T. D., 486  
 Dubois, J. L., \*502  
 Duda, V., \*395 bis  
 Duff, I. F., 82, \*197, \*487  
 Du Lac, Y., \*502  
 Dumitru, M., \*203  
 Duncan, H., 300  
 Dunstone, \*199  
 Durant, J., 482  
 Durieu, J., 384  
 Duthie, R. B., \*502  
 Dworecka, F., \*203
- Easterbrook, \*92  
 Eaton, \*396  
 Eberlin, I., \*395  
 Ebert, H., \*382  
 Economidou, \*198 bis  
 Edery, \*393  
 Edmund, J., 388  
 Ehrlich, G. E., \*499, \*502  
 Eichhorn, \*390  
 Einaudi, G., \*387  
 Eisen, \*489  
 Eisinger, J., \*198  
 Ekholm, R., \*310  
 Ekwueme, \*91  
 Elattar, T. M. A., \*483  
 El-Feel, M. S., \*300  
 Élias, L., \*203  
 Elkan, Z., \*83 bis  
 Elkeles, A., 489  
 Elliott, \*203  
 Ellman, A., 384  
 Emmerson, B. T., \*89  
 Enderlin, M., 98, 308  
 Engel, \*488  
 Ennevaara, K., \*83  
 Epstein, B. S., \*386  
 Epstein, J. A., \*386  
 Ericson, S., 86, \*301  
 Eskes, \*389  
 Etmekjian, \*185  
 Evanson, J. M., 392  
 Everett, M. A., \*302
- Fairley, \*396  
 Fajardo, D., \*489  
 Fakhro, A. M., 304  
 Falconnet, M., \*484  
 Fanconi, G., 182  
 Farah, F. S., \*395  
 Farkas, K., \*308  
 Faulkener, J. A., 187  
 Fehér, J., \*94  
 Fehr, K., 308  
 Felker, J. R., 86  
 Fellmann, N., \*202  
 Feltkamp, T. E. W., 491

- Fenn, M. E., \*487  
 Ferenc, H., \*383  
 Ferencz, C., \*481  
 Ferond, M., \*384  
 Ferreiro, J. L., \*185  
 Ferriman, D., 200  
 Fessel, W. J., 193  
 Fetrov, \*203  
 Feuvrier, Y.-M., 499  
 Fevold, \*97  
 Fichelle, J., \*308  
 Fidalgo, B. V., 197  
 Fincham, W. J., 82  
 Findlan, C., \*381  
 Fink, C., \*382  
 Finkelstein, \*390  
 Fiore, L., \*97  
 Fisch, H. U., \*484  
 Fischer, \*90  
 Fjermos, \*396  
 Flatt, A. E., 497  
 Flax, \*488  
 Fleischl, P. M., 495  
 Fleischmajer, R., \*199  
 Font, R. L., \*310  
 Fontagné, J., \*310  
 Fontana, L., \*307  
 Ford, \*500  
 Forestier, F., \*84, \*203  
 Forsheit, \*385  
 Foster, \*97  
 Fountain, R. B., \*94  
 Fournie, A., \*500  
 Fox, J. T., 204  
 Frame, B., \*386  
 Franchimont, P., \*189  
 Françoise, J., 394, \*502  
 Francon, F., \*202  
 Franek, \*199  
 Frank, O., \*502  
 Franke, M., \*203  
 Franklin, E. C., \*198  
 Fraser, J. R. E., \*391  
 Freeman, P. A., \*483  
 French, J. G., \*89  
 Frichot, B. C., III, \*302  
 Friedman, M., 200  
 Friedrich, H., \*483  
 Friza, B., \*309  
 Frohnert, P. P., 192  
 Froment, \*194  
 Frost, H. M., \*386  
 Frykman, \*387  
 Fujii, I., 193  
 Fuiehan, F. J. D., \*395  
 Fulger, V., \*300  
 Fuwa, \*500  
 Gadrat, J., \*488  
 Gafni, J., 389  
 Gaitonde, B. B., \*104  
 Galanda, V., \*300  
 Galante, \*94  
 Gallez, A., 182  
 Gallinger, J. I., 299  
 Gallo, G., \*307  
 Galmiche, P., 308  
 Ganchenko, L. I., 495  
 Garcia Dadoni, L., \*197  
 Gardner, D. L., 189  
 Garnet, E. S., 97  
 Garnier, J. P., \*194  
 Gáspárdy, G., \*104 bis, \*202  
 Gáspárdy, G., Jr., \*104  
 Gatter, \*191  
 Gaucher, A., 84, \*383  
 Gawriuszewa, L. P., \*307  
 Geerling, J., \*395  
 Geffroy, Y., \*502  
 Geidel, H., \*195  
 Geiler, G., \*82  
 Geiser, J. D., 388  
 Gentaz, R., \*308  
 George, \*305  
 Georgesco, A., \*203  
 Geri, I., \*97  
 Germuth, \*500  
 Gersony, \*481  
 Geslin, P., \*92  
 Ghadiali, F. N., \*94, \*389  
 Ghirardini, G., \*300  
 Gibson, G. R., 103  
 Gilbert, G., \*381  
 Gilbert, R. M., 494  
 Giles, C. L., \*202  
 Gilly, R. W., \*89  
 Ginsburg, I., \*391  
 Girard, \*395  
 Giraud, P., 182  
 Girzadas, \*500  
 Glasgow, \*202  
 Gleason, \*190  
 Glenn, \*395  
 Glick, E. N., 184  
 Glogowski, G., \*90  
 Glynn, L. E., \*493  
 Gniazdowska, M., \*386  
 Godfrey, \*488  
 Goel, \*499  
 Goes, F., \*502  
 Gofton, J. P., \*186, \*301  
 Goldberg, R., \*83 bis  
 Golden, \*493  
 Golden, E., \*203  
 Goldfischer, S., \*483  
 Goldie, \*392  
 Goldie, I., \*92, \*310  
 Golding, \*83  
 Gołębiewska, M., \*386  
 Gompertz, \*302  
 Gonçalves, G. W., \*205  
 Good, A. E., \*90, \*186  
 Gordis, L., \*82, 480  
 Gordon, \*87  
 Gordon, D. A., \*205  
 Gorski, S., \*98  
 Gospodinoff, A., \*385  
 Goudie, R. B., \*307  
 Gruber-Duvernay, B., \*191  
 Graff-Wróblewska, T., \*382  
 Gralla, \*500  
 Gray, F. D., Jr., 501  
 Gray, F. G., 501  
 Greaves, \*391  
 Greaves, M. S., 198  
 Green, D. P., \*203  
 Green, N., \*304  
 Greenfield, \*502  
 Grimaldi, M. G., \*104  
 Grimova, J., \*308  
 Grisham, E., 480  
 Grismer, J. T., 380  
 Groen, J. J., 486  
 Grönroos, P., \*301  
 Gross, A., \*203  
 Gross, D., 98, 308  
 Grossman, R. E., 493  
 Groth, C. G., 489  
 Grumbach, \*186  
 Gruszczyński, W., \*502  
 Guérin, C., 384  
 Guggenheim, \*190  
 Guillard, J.-M., \*484  
 Guiraundon, C., 491  
 Gukelberger, M., \*392  
 Gum, \*92  
 Gunderson, \*387  
 Gunnar, \*390  
 Guntheroth, \*305  
 Gupta, A. K., \*197  
 Gustafson, L., 390  
 Guy-Grand, D., \*185  
 Guzman, \*395  
 Guzzon, A., \*389  
 Haas, H. G., \*304  
 Habbick, B. F., \*185  
 Haberman, J. D., \*502  
 Hacout, M., 84  
 Hagen, \*396  
 Hagge, W. W., 387  
 Haim, S., 309  
 Halet, W., \*502  
 Hall, A. P., 87  
 Hall, J. H., \*203  
 Halperin, \*500  
 Hamaty, D., 98  
 Hamburg, R. L., \*307  
 Hamerman, D., \*196, \*310, \*483  
 Hames, C. G., \*97  
 Hamilton, E., 501  
 Hána, I., 383  
 Händlová, D., \*395  
 Hannestad, K., 91, \*94 bis  
 Harding, \*392  
 Hardy, \*395  
 Hardy, S. M., \*203  
 Harrington, J. F., 306  
 Harris, D. K., 302  
 Harris, L. C., 81  
 Harrison, \*194  
 Hart, F. Dudley, \*185, 393  
 Hartemann, P., \*384  
 Hartl, W., \*83  
 Harto-Garofalidis, \*386  
 Harvey Chase, P., 384  
 Hashiba, K., 193  
 Hasler, M., \*389  
 Havelka, S., \*382  
 Hawley, \*494  
 Hayashi, \*385  
 Hayden, \*191  
 Hayem, F., \*185, \*186  
 Hayes, D. M., 385  
 Healey, L. A., \*83, \*486  
 Heath, L. E., \*198  
 Hedburg, \*483  
 Heikkinen, E., \*197  
 Heinz, N., \*92  
 Heiskanen, T., 184  
 Heldrich, \*310  
 Heller, H., 389  
 Henderson, F. W., \*92  
 Hendrich, F., \*489  
 Henney, \*391  
 Henrard, A., \*382  
 Hensley, G. T., 493  
 Herbert, \*190  
 Heripret, G., \*186  
 Herman, J. B., 486  
 Herrmann, C., Jr., \*502  
 Hersko, C., \*305  
 Herve, M. C., 499  
 Hess, J. W., 205  
 Hesse, P., \*483  
 Hewer, \*386  
 Heyns, \*308  
 Hicklin, J. A., \*383, \*395  
 Hill, A. G. S., \*203  
 Hill, R. W., 490  
 Hills, E. A., \*384  
 Hines, \*390  
 Hioco, D., 385  
 Hiramoto, \*493  
 Hirata, A., 383  
 Hiroo Kato, 82  
 Hirsch, \*94  
 Hirschhorn, K., 95  
 Hnatko, S. I., 200  
 Hoaglund, \*87  
 Hobbs, J. R., 489  
 Holborrow, E. J., \*493  
 Holland, 385 bis  
 Hollingsworth, J. W., 481  
 Hollister, L. E., 188  
 Holscher, \*500  
 Holt, S., \*387  
 Holzmann, \*194  
 Holzmann, H., \*92, \*488  
 Honetz, N., \*189  
 Horakova, Z., \*308  
 Hornstein, O. P., \*205  
 Hosley, H., 385  
 Housset, E., 101  
 Howes, R. G., 393  
 Howorth, P. J. N., 485  
 Hradsky, M., \*205, \*310  
 Huaux, J. P., \*487  
 Hueston, \*203  
 Hukuda, S., 387  
 Hume, \*203  
 Humpston, D. J., \*390  
 Hunder, \*92, \*385  
 Hunder, G. G., 94  
 Hunt, \*499  
 Hunter, \*387  
 Hurrych, J., \*305  
 Hussels, \*502  
 Hwang, \*481  
 Ievleva, L. V., 201  
 Ikeda, M., 193  
 Illouz, G., \*396  
 Imbert, J.-C., \*302  
 Ingpen, M. L., \*502  
 Ingrand, J., \*500  
 Inkovaara, J., \*301  
 Ioachim, M., \*492

- Ionescu, M., 190  
 Isdale, I. C., 393  
 Ishimi, Z., 193  
 Ivins, J. C., \*310  
 Izatt, M. M., \*493
- Jacomb, R. G., 99 bis  
 Jacox, R. F., 482, \*483 bis  
 Jahn, \*392  
 Jain, I. S., \*91, 202  
 Jakab, L., \*94  
 James, \*310  
 James, K., 490  
 James, V. H. T., 200  
 Janis, R., \*196  
 Janko, L., \*199  
 Jarcho, S., \*481  
 Jasani, M. K., 202, \*307, \*483, \*493  
 Jasin, \*492  
 Jayson, \*484  
 Jean, A., 202  
 Jefferies, W. McK., 100  
 Jeffrey, J. J., 392  
 Jeffreys, T. E., \*502  
 Jelinek, V., \*308  
 Jensen, S., 388  
 Jeremy, R., \*500  
 Jessamine, A. G., 484  
 Jesserer, H., \*395  
 Joglekar, S. N., \*104  
 Johnson, \*87  
 Johnson, A. W., 395  
 Johnson, G. D., \*493  
 Johnson, K. G., 82  
 Johnson, L. G., 100  
 Johnson, W. L., \*484  
 Jolles, \*393  
 Jones, \*92  
 Jonsson, J., \*96  
 Joo, L., \*389  
 Jordan, W. P., Jr., \*92  
 Joubert, S. M., 485 bis  
 Jounela, A., \*190  
 Jowsey, \*90  
 Julkunen, H., 93, \*190  
 Junge-Hülsing, G., \*494  
 Jurko, A., \*300  
 Jurmand, S. H., 384
- Kahn, M.-F., 486, 496, 498  
 Kajander, A., \*309, 497  
 Kallie, R. N., 485 bis  
 Kalsbeek, G. L., \*96  
 Kaludi, M., \*396  
 Kanaar, \*301  
 Kapalmit, S., 202  
 Kaplan, \*186  
 Kapp, W., \*202  
 Karat, \*187  
 Karliansky, W., 498  
 Kashwagi, N., 489  
 Kast, \*502  
 Katz, D., 302  
 Katz, G., \*395  
 Kaufman, J. M., 88  
 Kawakita, H., \*384  
 Keats, \*92  
 Keczkes, \*203  
 Keiser, H. R., \*92
- Kekki, M., \*97  
 Keller, O., \*310  
 Kellermeyer, R. W., \*189  
 Kelley, W. N., \*189, 485  
 Kelly, \*206, \*384, \*494  
 Kemble, \*387  
 Kendall, P., \*203  
 Kendall, P. H., 99, \*502  
 Kérambrun, G., 190  
 Kerby, \*494  
 Kerby, G. P., 392 bis  
 Kerekes, E., \*94  
 Kermeier, \*493  
 Kessel, \*191  
 Kessler, H. S., \*488  
 Khan, \*199  
 Kharmosh, O., \*483  
 Khouri, F., 92  
 Kim, S. O., 100  
 Kimate, S., 193  
 Kimbrell, \*92  
 Kincaid-Smith, P., 103, \*396  
 King, \*502  
 KinSELLA, D. L., Jr., \*389  
 KinSELLA, T. D., 100  
 Kiselev, G. A., 201  
 Kiss, \*483  
 Kitabchi, \*199  
 Kitazawa, Y., 202  
 Kivirikko, \*97  
 Kjelsberg, M. O., \*89  
 Klabusay, L., \*395 bis  
 Klajszewicz, G. I., \*307  
 Klein, \*391  
 Kleinert, H., 499  
 Kleinert, H. E., \*396  
 Klemmayer, K., \*502  
 Klenka, L., 383  
 Klinefelter, H. F., \*194  
 Klischenco, L. E., 495  
 Kliukina, S. S., \*307  
 Klunker, W., \*198, \*202  
 Knox, J. M., \*96  
 Koczoć Przedpełska, J., \*502  
 Koffler, D., 387  
 Kogoj, F., \*92  
 Kohlhardt, I., 101  
 Kohoutek, J., \*382  
 Kolář, J., \*199  
 Kolb, L. W., 308  
 Kolečkářová, M., 383  
 Konecni, J., 388  
 Koontz, W. C., 86  
 Kortting, G. W., \*92  
 Koskelo, P., \*97  
 Kotlyar, L. P., 495  
 Kottek, F. J., \*94  
 Kotzaurek, R., \*189  
 Kouřílek, K., \*308  
 Kowalski, J., \*301  
 Kowitz, P. E., 102  
 Kozicka-Polakowa, I., \*382  
 Krakoff, \*385  
 Krane, \*190  
 Krane, S. M., 392  
 Krell, L., \*488  
 Kreloř, A. A., 196  
 Kröger, E., Jr., \*183  
 Kroš, S., \*199  
 Krug, K., \*97
- Krusius, F.-E., 184  
 Krzemieńska-Pakuła, M., \*481  
 Kubicek, W. G., \*94  
 Kuchowicz, B., \*386  
 Kuckulies, J., \*494  
 Kühn, \*390  
 Kujawa, H., \*82  
 Kulonen, E., \*94, \*197  
 Kumento, A., \*94  
 Kumstát, Z., \*205  
 Kunishi, M., 383  
 Kunkel, H. G., 387  
 Kuramochi, M., 193  
 Kurban, A. K., \*395  
 Kurlander, G. J., \*89  
 Kuszyk, T., \*481  
 Kuthan, F., \*205, 393, \*395 bis, \*489  
 Kuttner, A. G., 299  
 Kyle, R. A., 506  
 Kyral, V., \*308  
 Kwasniewska-Błaszczyk, M., \*98
- Labinskaja, A. S., 183  
 Labrousse, C., \*396  
 Lachapelle, J. M., \*487  
 Lacroix, J., \*202  
 Lagier, R., \*396  
 Lagoarde, J., \*89  
 Lai, G., \*392  
 Laine, V., 382  
 Laing, P. G., \*199  
 Laitinen, \*197  
 Lake, \*483  
 Lam, \*481  
 Lamy, \*186  
 Langkilde, M., 199  
 Lannigan, \*197  
 Lannigen, R., 491  
 Laplane, \*186  
 Laporte, G., \*89  
 Lau, \*386  
 Laufer, \*308  
 Laumonier, R., \*502  
 Laurie, M., \*92  
 Lav, I., \*502  
 Lavan, J. N., 103  
 Lavarde, \*310  
 Lavine, L. S., \*386  
 Laws, \*185  
 Learoyd, H. M., 103  
 Lebeurre, R., \*304  
 Lechat, P., \*310  
 Leddy, J. P., \*307  
 Lee, S. L., 488  
 Lefebvre, M., \*381  
 Lefranc, J., \*194  
 Le Guilly, Y., \*96  
 Lehmann, \*500  
 Lehner, T., 87  
 Lehtonen, \*91  
 Lelong, M., \*488  
 Lemaitre, G., 84  
 Lempert, R., \*197  
 Lenfant, P., \*304  
 Lenfeld, J., \*310  
 Lengyel, E., \*383  
 Lenoch, F., \*307
- Lenoir, R., \*96  
 Leong, L., 102  
 Leong, W. W., \*492  
 Lequesne, M., \*191  
 Lesage, R., 496  
 Leśkiewicz, W., \*300  
 Lester, \*97  
 Lestrade, P., 182  
 Levenson, C., \*502  
 Leventhal, B. G., 204  
 Lever, J. V., 89  
 Levillain, R., \*302  
 Levin, \*194  
 Levin, M., 187  
 Levitan, \*388  
 Lévy, P., 308  
 Lewickaja, S. W., \*307  
 Lewis, D., 85  
 Libcke, J. H., \*301  
 Lichtemberg, R., \*186 bis  
 Lichtman, M. A., \*97  
 Lience, E., \*191  
 Lièvre, J.-A., 98, \*190  
 Lim, T. W., \*395, \*492  
 Lindahl, \*206  
 Lindars, D. C., 381  
 Lindström, J., \*310  
 Linêt, \*392  
 Liotta, S., \*307  
 Lipscomb, \*84, \*203  
 Lipscomb, P. R., \*202  
 Littler, \*396  
 Livanou, T., 200  
 Llopis, B., \*500  
 Loewi, \*307  
 Löfgren, \*389  
 Lopes-Vaz, A., \*197 bis  
 Lorber, A., \*382  
 Lord, \*87  
 Lord, G., \*186  
 Lorenzini, P., \*203  
 Lörincz, G., \*308  
 Louyot, P., 84, \*91, \*383  
 Lovati, L., \*396  
 Love, D. E., 306  
 Lowman, R. M., 193  
 Lown, B., 304  
 Luckenbill, L. M., \*305  
 Lucherini, T., \*87  
 Lucht, \*383  
 Lucke, \*391  
 Luft, S., \*493  
 Lundberg, M., 86, \*301  
 Luthra, C. L., 394  
 Lynch, \*190  
 Lynraven, \*500  
 Lysov, V. P., 495
- McAndrew, R., \*493  
 McCarter, J., 487  
 McCarthy, D. J., Jr., \*385  
 McCarty, \*191  
 McConkey, B., 93  
 McCormick, J. N., \*198  
 McCormick, W. E., 303  
 McDevitt, \*202  
 McDicken, I. W., \*185  
 McDonough, J. M., \*84  
 McDuffie, \*493  
 McEwan, \*186

- McGiven, \*500  
 McGuckin, W. F., 94  
 Mächová, L., \*489  
 Mackay, I. R., 304, 308  
 Mackay, J. S., 393  
 Mackenzie, K. R., 100  
 Mackenzie Crooks, \*186  
 Mackiewicz, S., \*83, \*98, \*203  
 MacLachlan, M. J., 88  
 McLaughlin, \*502  
 McLees, B. D., 392  
 McLeod, J. G., \*191  
 McNamara, P. M., 87  
 McNeill, J. M., \*205  
 MacSween, \*389  
 Macsween, R. N. M., 304, \*307  
 Magendie, P., 394  
 Mainland, \*500  
 Makem, H. J., \*199  
 Mäkisara, P., 482  
 Malina, L., \*492  
 Malinin, T. I., 85  
 Manfredini, U., \*499  
 Manigand, G., \*302  
 Manivit, P., \*383  
 Manning, W. K., \*94  
 Manolakis, \*90  
 Mansoor, \*90  
 Mantellini, P., \*396  
 Marché, J., 104  
 Marchesano, \*185  
 Marcoongo, R., \*83  
 Mariani, R., \*185  
 Markowitz, M., \*82, 299, 480  
 Marmor, L., \*310, \*500  
 Maroudes, \*389  
 Marshall, \*499  
 Marshall, T. R., \*301  
 Marshall, W. J. S., 497  
 Martel, \*483 *ter*  
 Martel, W., 185  
 Martelli, E. A., \*203  
 Martin, \*392 *bis*  
 Martin, C., \*194  
 Martin, J. R., 381  
 Masheter, H. C., \*203 *bis*  
 Masi, A. T., 191  
 Mason, R. M., \*83, \*203  
 Massé, C., 384  
 Matanoski, G. M., \*481  
 Mathies, H., \*185  
 Mathur, G. B., \*388  
 Matsushita, S., 193  
 Mattei, P., \*92  
 Matwiejew, M. P., \*307  
 Maugdal, M. C., 394  
 Mayne, J. G., 490  
 Mays, E. E., 482  
 Mazzei, E. S., \*197  
 Mazzuoli, \*199  
 Medalie, J. H., 486  
 Mehrotra, A. S., \*388  
 Melani, \*392  
 Melki, G. R., 190  
 Mellbye, O. J., \*94  
 Melnykovych, \*198  
 Meltzer, M., \*198  
 Mende, E., \*183  
 Menkès, C., 491, \*500  
 Menner, K., \*183  
 Merendino, \*388  
 Merker, H. J., \*305, 389  
 Merola, G., \*383  
 Merrill, \*391  
 Messer, B., 205  
 Meyer, \*197  
 Meyer, W., \*203  
 Michaeli, D., \*305  
 Michotte, L. J., \*486  
 Miehike, K., 101  
 Mihajlova, I. N., 183  
 Mikkelson, W. M., \*89, 187  
 Mikulski, A., \*391  
 Middle, E. J., \*389  
 Milgrom, F., 93  
 Miller, \*382, \*386, \*494  
 Miller, J., 485  
 Miller, S. P., 385  
 Milne, J. A., 304  
 Milstein, \*390  
 Ming Ting, Y., \*487  
 Miniaivi, L., \*300  
 Minick, C. R., 91  
 Minkov, \*389  
 Mintz, \*389  
 Miravet, L., 385  
 Mirguet, R., 484  
 Mirzajanc, G. K., 96  
 Mishra, S. S., \*197  
 Missmahl, H. P., 389  
 Mitchell, \*94  
 Mitchell, D. M., \*185  
 Mitchell, N. S., 201  
 Mitrovic, D., \*197, 486  
 Mittall, A., \*483  
 Miyahara, M., 193  
 Mizuno, S., 387  
 Mladek, M., 394  
 Moatamed, F., \*310  
 Modglin, \*305  
 Moens, C., \*310  
 Moesmann, G., \*483  
 Mohing, W., \*104, 309  
 Moise, R., \*205  
 Monacelli, G., \*300  
 Mongan, E. S., \*307  
 Montero García, J. M., \*185  
 Montgomery, D. A. D., 393  
 Montoye, H. J., 187  
 Moore, R. D., 194  
 Moore-Jones, D., 96  
 Morand, P., \*389  
 Morgan, \*386  
 Morgan, D. B., 89  
 Morris, J. M., 383  
 Morsch, B., \*92  
 Mortimer, \*381  
 Mosedale, \*493  
 Mount, F. W., 486  
 Movin, \*206  
 Movin, A., 386  
 Možajceva, A. G., 96  
 Mozziconacci, P., \*185, \*186  
 Moskowitz, R. W., 302  
 Mrejen, I., \*186  
 Mudge, \*500  
 Muggia, F. M., 384  
 Muggio, \*89  
 Müller, \*84, \*395  
 Müller-Limroth, W., 394  
 Mullinax, F., 197  
 Munthe, E., \*301, \*390  
 Muratova, J., \*310  
 Murdoch, \*389  
 Murphy, \*97, \*385, \*494  
 Murray, \*391  
 Murray, D., 391  
 Murray, W. R., 383, \*483  
 Muschel, L. H., 390  
 Musson, K. H., 483  
 Mustakallio, K. K., \*87  
 Nagant de Deuxchaisnes, C., \*484, \*487  
 Nagaya, H., 487  
 Najjar, V. A., 197  
 Nakajima, \*391  
 Nakao, K., 193  
 Nanjani, M. R., 192  
 Narayan, \*191  
 Natalizi, G., \*97  
 Nava, P., \*206  
 Navarre, \*387  
 Nealon, \*194  
 Neill, D. W., 393  
 Nelson, J. D., 86  
 Nelson, J. K., 393  
 Nelson, J. R., \*502  
 Nelson, J. W., \*310  
 Nemecek, O., \*310  
 Nesterenko, J. A., 299  
 Neufeld, N. H., 486  
 Newton-John, \*386  
 Ney Toledo, A., 183  
 Nghiem, Q. X., 81  
 Ngu, \*91  
 Niitani, H., 193  
 Nikkilä, E. A., \*97  
 Nimni, \*390  
 Nishimura, M., \*384  
 Noell, P., \*483  
 Nolan, C. M., 494  
 Nordwig, \*392  
 Norelli, M. T., \*487  
 North, J. D. K., 385  
 Norton, W. L., 85  
 Norup, G., \*198  
 Nowosławski, A., \*301  
 Nylander, U., 499  
 O'Brien, W. M., 88, 185  
 Ogryzlo, M. A., \*205  
 Ogura, R. M., \*96  
 Ohanian, S. H., \*301  
 O'Hara, J. M., 193  
 O'Hara, L. J., 187  
 Øhlenschläger, K., 91  
 Olsen, \*488 *bis*  
 Olson, M. E., \*94  
 Olson, R. W., \*301  
 Onji, Y., 387  
 Onne, \*304  
 Ono, K., 387  
 O'Reilly, R. A., 102  
 Oreskes, I., \*307, 490  
 Orlowska, G., \*492  
 Orlowska-Sawionek, I., \*82, \*83  
 Orsini, A., 182, 193  
 Orsulak, \*494  
 Osmer, J. C., \*305  
 Ott, H., 103  
 Ottaviani, A., \*300  
 Otte, P., \*301  
 Otto, R., 304, \*307  
 Ouyang, R., \*185  
 Overall, J. C., 197  
 Overall, J. E., 188  
 Overholt, \*500  
 Owen, C. A., Jr., 94, 490  
 Owens, D. W., \*96  
 Ozawa, T., 193  
 Pachas, \*310  
 Pagliara, P. F., \*194, \*301  
 Pakula, A., \*382  
 Palmer, D. G., \*196  
 Palmer, W. L., 308  
 Panettière, F., \*301  
 Pansu, D., 89  
 Papa, G., \*307  
 Pappalardo, C., \*396  
 Pariente, R., 92  
 Parker, E. W., \*187  
 Parkes, J. C., \*203  
 Parsons, V., 97  
 Pasquarello, G., \*203  
 Pasternack, A., 482  
 Pastor Vallvé, S., 388  
 Pastore, R., \*187  
 Paterson, \*487  
 Paterson, C. R., 89  
 Patrucco, A., 95  
 Pavlenko, T. M., 201  
 Pavlotsky, Y., \*96  
 Padzderka, V., \*90  
 Pearson, \*392  
 Pearson, C. M., 193  
 Peçanha, L. C., 204  
 Pecker, I., \*94  
 Penido, P., \*206  
 Peguret, C., 90  
 Pekin, T. J., Jr., 85  
 Pecora, P., \*393  
 Pedrini-Mille, \*392  
 Pégrimová, E., \*395  
 Penn, \*488  
 Pennock, \*392  
 Pennybacker, \*487  
 Pentinen, R., \*197  
 Percival, S. P. B., 394  
 Peregrin, J., 394  
 Peress, N. S., 488  
 Peretti, G., \*392  
 Perlès, L., \*502  
 Perlo, \*389  
 Perrimond, H., 193  
 Perry, H. M., 96  
 Peterson, \*203  
 Peterson, C. C., Jr., 204, \*302  
 Peyron, J., 98  
 Pfaller, C., \*309, \*483  
 Phélip, X., \*389, \*395  
 Phelps, P., \*385  
 Phocas, \*190  
 Piarroux, M.-C., \*308  
 Picot, C., \*89  
 Pierron, H., 193

- Piette, F., \*396  
 Piguet, H., \*502  
 Pinals, \*310  
 Pinat, F., \*396  
 Pinckard, \*97  
 Pincus, J. H., 81  
 Pinet, F., \*83  
 Piotrowska, D., \*382  
 Pirola, \*384  
 Pivoteau, B., 394  
 Pizzi, F., \*93  
 Pizzia, A. G., \*83  
 Plagne, R., \*186 *bis*, \*189  
 Platt, D., \*202  
 Poitas, M., \*492  
 Polis, O., 182  
 Pollard, \*500  
 Pollet, P., \*391  
 Pollock, S. F., 383  
 Pometta, D., \*202  
 Ponomareva, E. P., 183  
 Ponti, G. B., \*93  
 Popescu, N., \*300  
 Porter, \*307  
 Porzio, F., \*393  
 Posen, S., 103  
 Pospíšil, L., 489  
 Potchen, \*190  
 Poulet, \*502  
 Powell, R. C., \*89  
 Pozzuoli, R., \*307  
 Pras, M., \*198  
 Preble, M. R., \*307  
 Preger, \*90  
 Pretolani, E., 95  
 Price, W. H., \*481  
 Prockop, \*97  
 Prohaska, E., \*309, \*396, \*483  
 Pšeničnaja, 96  
 Pugh, D. G., \*205  
 Quaranta, C. A., \*202  
 Quinn, \*183  
 Raab, W., \*305  
 Raaschou, F., \*493  
 Raber, R. M., \*396  
 Raestrup, O., \*487  
 Ragnoni, R., \*198  
 Rakkojaer, M., \*310  
 Rallan, R. C., \*197  
 Ralov, P., 493  
 Rambaut, J.-C., 385  
 Ramilau, D., \*98  
 Râmneanu, P., \*492  
 Rampon, S., \*186 *bis*, \*189  
 Ramsy, \*203  
 Rane, P. S., 394  
 Raoul, T., 499  
 Rapp, R., \*90  
 Ratnoff, O. D., 194  
 Ratti, R., \*82  
 Rau, R., \*310  
 Rave, O., \*494  
 Raynal, L., \*502  
 Raynaud, P., \*389  
 Raynaud, R., \*389  
 Recordier, A. M., \*198  
 Reed, H., 498  
 Reed, P. I., 308  
 Reeves, \*386  
 Rehfek, J., \*205, 393  
 Reichenberger, M., 205  
 Reichmann, S., 84  
 Reinikainen, M., \*301  
 Reis, \*500  
 Reitan, H., \*502  
 Renard, V., \*186  
 Renard-Lefebvre, A. M., \*186  
 Renier, J.-C., \*309, 495, \*502  
 Reynolds, \*197  
 Richarz, H., 483  
 Rieselbach, R. E., 485  
 Rietz, \*304  
 Riggs, \*90  
 Riggs, G. A., \*487  
 Riley, H. D., Jr., \*502  
 Ripault, J., \*197  
 Ripoli-Gómez, M., \*489  
 Riss, E., 486  
 Ritchie, R. F., 304, 492  
 Ritter, \*203  
 Robecchi, A., Jr., \*83, \*383, \*391  
 Robert, J. E., 392  
 Robertson, \*190  
 Robertson, P. D., \*83  
 Robichen, \*502  
 Rodnan, G. P., 88, \*385  
 Rodriguez-Erdman, \*388  
 Rodstein, M., 380  
 Roger, N., 92  
 Rogoff, B., 91  
 Roig-Escofet, D., \*185, \*382  
 Rokkanen, P., \*190  
 Roldan, H., \*390  
 Romaiuk, P. A., \*206  
 Romano, V., \*300  
 Romero, \*502  
 Rometti, \*191  
 Romeyn, J. A., \*198  
 Roque Molina, M., \*83  
 Rosberg, G., \*301, 382  
 Rose, B. S., 393  
 Roseman, S., \*197  
 Rosenberg, L., \*198  
 Rosenbloom, F. M., \*189, 485  
 Rosenthal, \*481  
 Rosławski, A., \*301  
 Rosmino, G. C., \*487  
 Ross, M. W., \*301  
 Rossel, I., 199  
 Rotés-Querol, J., \*185, \*191, \*382  
 Rothermich, N. O., \*104, \*202  
 Rothfield, N. F., 95  
 Rothman, \*191  
 Roucayrol, J.-C., \*500  
 Rousso, C., \*202  
 Rowan, \*488  
 Rowell, N. R., 306  
 Roy, S., \*94, \*389  
 Rozdilsky, B., \*185  
 Rozenszajn, L., \*305  
 Rubin, \*191  
 Rubin, E. H., \*83  
 Ruelle, \*387  
 Ruffin, J. M., 186  
 Ruffman, A., \*92  
 Ruotsi, A., \*309, 497  
 Russell, W. J., 82  
 Rüttner, J. R., \*389  
 Rychewaert, A., 384  
 Sachs, C., 489  
 Sacks, S., \*396  
 Sadowska-Wróblewska, M., \*382  
 Saffran, \*393  
 Safoat, H. A., \*198  
 Sageibel, R. W., \*83  
 Saint-George-Chaumet, F., 88  
 Salavec, M., 394  
 Salesse, A., \*189  
 Sallab, \*185  
 Salmon, S. E., 385  
 Salomon, M. I., 480  
 Salter, R. B., \*203  
 Salvini, A., 182  
 Salvini, E., \*389  
 Samal, B. A., 385  
 Samara, A. M., \*395  
 Sampaio Lacerda, P. R., 204  
 Sampson, G. R., \*94  
 Sandberg, A. A., \*199  
 Sandifer, M. G., Jr., 395  
 Sandler, B., \*484  
 Sandson, J., 487  
 Sanford, J. P., \*187  
 Sans-Sola, L., \*489  
 Santen, \*92  
 Sanzol, R., \*83  
 Saporta, \*488  
 Saporta, L., 491  
 Sarasohn, S. H., \*301  
 Saroff, J., \*199  
 Satoh, Y., \*384  
 Savastano, A. A., \*484  
 Saville, P. D., \*190, \*483  
 Scalabrino, R., \*203  
 Schacherl, M., \*194, \*302 *bis*, \*488  
 Schajowicz, \*487  
 Schalk, J., \*195  
 Schattenkirchner, \*189  
 Scheller, S., \*92  
 Schena, F. P., \*391  
 Schiavetti, L., \*97, \*198, \*387, \*396 *bis*  
 Schiess, \*305  
 Schiller, K. F. R., 390  
 Schilling, A., 385  
 Schilling, F., \*302 *bis*  
 Schimke, \*205  
 Schioppa, M., \*300  
 Schlicker, \*494  
 Schoen, R., \*83  
 Schorstein, J., 497  
 Schreiber, \*386  
 Schreiber, M. H., 81  
 Schubart, A., \*205  
 Schull, W. J., \*89  
 Schultz, R. T., 93  
 Schulz, G., \*183  
 Schur, P. H., 387, 487  
 Schwab, J., \*301  
 Schwartz, \*185  
 Schweizer, \*301  
 Schwingt, E., \*500  
 Scott, \*185, \*487  
 Scott, B. O., \*203  
 Scott, J. T., \*385  
 Scott, P. J., 189  
 Scudamore, \*488  
 Secondo, G., \*383, \*391  
 Seda, H., \*83, \*92, \*94, \*97, \*206, \*502  
 Seegmiller, J. E., \*189, 485  
 Seeman, N., 303  
 Seftoft, L., \*488  
 Seifert, G., \*92, 303  
 Sekeff, J. A. B., 183  
 Self, \*90  
 Semeraro, V., \*395  
 Sen, S. B., 484  
 Serafini, S., \*202  
 Seroohkin, G. G., 299  
 Serratrice, G., \*198  
 Serre, H., 90, \*386  
 Sèze, S. de, \*197, 201, 384, \*396, 496, 498  
 Shafiq, \*305  
 Shaligram, S. V., \*104  
 Shankar, \*90  
 Shaper, \*481  
 Sharp, \*206  
 Sharp, J. T., \*205  
 Shearn, M. A., 192  
 Sheps, \*92  
 Sheps, S. G., 192  
 Sheridan, B., 393  
 Sherman, J. D., 306  
 Shibata, N., \*384  
 Shibolet, S., \*305  
 Shimizu, A., 193  
 Shimomura, Y., 387  
 Shingleton, H. M., \*187  
 Sholkoff, \*301  
 Shoshan, \*390  
 Sicard, \*310  
 Siegel, M., 488  
 Siegrist, H., \*484  
 Sieniewicz, D. J., 381  
 Siguier, \*488  
 Sikdar, S., 498  
 Silberberg, R., \*389 *ter*  
 Silberstein, Z., \*391  
 Silbiger, M. L., 204, \*302  
 Siltzbach, L., \*307  
 Siltzbach, L. E., 490  
 Simmonds, H. A., 385  
 Simon, L., 90, \*386  
 Simpson, H. N., \*389  
 Simpson, M. R., \*203 *bis*  
 Simpson, N. R. W., \*203 *bis*  
 Six, B., 98  
 Sjoerdsma, A., \*92  
 Skeith, \*486  
 Slaunwhite, W. R., \*199  
 Slickewei, G., 483  
 Sloan, D. B., Jr., 483  
 Smadja, A., \*83  
 Smiley, J. D., 489  
 Smillie, \*502  
 Smith, \*190, \*202, \*386  
 Smith, B. S., 93  
 Smith, C., \*196, \*483  
 Smith, C. L., \*202  
 Smith, E. E., \*89

- Smith, J. W., \*187  
 Smith, P. M., 501  
 Smythe, H. A., \*205  
 Smitcowsky, R., 183  
 Snow, H. L., 188  
 Snyder, L. M., 390  
 Sobel, M. V., \*483  
 Sohar, E., 389  
 Soldati, R., \*396  
 Solheim, \*390  
 Solle, R., \*92  
 Solnica, J., \*197, 486  
 Sönnischsen, N., \*488  
 Sood, N. N., \*382  
 Sørensen, A. W. S., 381, \*493  
 Sorrel-Dejerine, J., \*194  
 Soulier, A., \*304  
 South, \*390  
 Sowińska, J., \*481  
 Spaeth, G. L., 191  
 Spagnuolo, M., 299, 480  
 Sparberg, \*92  
 Speranski, G. N., \*307  
 Spilberg, I., \*483  
 Spira, G., \*391  
 Spiro, D., 196  
 Spotorno, N., \*492  
 Spriet, A., \*185  
 Spycher, M. A., \*389  
 Squarcia, U., \*300  
 Starzl, T. E., 489  
 Stěeda, A., \*90  
 Steele, A. D., \*385  
 Steele, T. H., 485  
 Steffen, C., \*307  
 Steiner, H., 501  
 Stellbrink, G., \*203  
 Stern, \*190  
 Sternal, L., \*82  
 Steven, \*94  
 Stickler, G. B., \*205, 387  
 Stinchfield, F. E., \*84, \*203  
 Stinson, \*90  
 Stoia, I., \*203, \*492  
 Stokes, \*500  
 Stollar, B. D., \*198  
 Stone, \*307  
 Strandberg, B., \*301  
 Středa, A., \*199  
 Strejček, J., \*492  
 Strzelecka, A., \*481  
 Stuccchi, C. A., 388  
 Sturgill, B. C., \*307  
 Šusta, A., \*382  
 Svec, K. H., \*307  
 Svedberg, C. A., 95  
 Sverák, J., 394  
 Swartz, \*488  
 Świerczyńska, Z., \*492  
 Sydnes, O. A., 199, \*203  
 Szemes, G., 193  
 Szymański, A., \*500  
 Täger, K. H., \*90  
 Taillard, W., \*396  
 Takasugi, K., 481  
 Takeda, Y., 193  
 Tal, \*308  
 Talal, N., 204  
 Talbot, \*304  
 Tan, E. M., \*198  
 Taranta, A., 299, 480  
 Tarasenkova, T. A., 183  
 Tardif, B., \*381  
 Tarp, \*383  
 Tattersall, M. H. N., \*92  
 Tatum, C. F., 303  
 Tawashi, \*499  
 Taylor, \*395, \*494  
 Taylor, R., 495  
 Taylor, R. C., 495  
 Taylor, S. M., \*392  
 Teinturier, P., \*186 bis  
 Tella, G., \*500  
 Terzani, G., \*97  
 Theodorus, M., \*484, 501  
 Thibodeau, \*500  
 Thieffry, S., \*194  
 Thomas, \*91  
 Thomas, G., \*206  
 Thompson, G. R., \*487  
 Thomson, \*396  
 Thormann, T., \*488  
 Thrift, E. G., 93  
 Thune, S., 102  
 Tibblin, G., \*92  
 Tillmann, K., \*84  
 Timpl, R., \*94, \*307  
 Tisellius, P., \*301  
 Tissot, J., 91  
 Taboň, S., \*502  
 Toone, E., \*484  
 Toone, E. C., \*391  
 Topp, \*185  
 Torrielli, A., \*194, \*301  
 Torrigiani, G., \*97  
 Tourtelier, M., 499  
 Tracz, W., \*481  
 Trčka, V., \*310  
 Treiber, W., \*85  
 Trillat, \*386 bis  
 Trnavský, K., \*390, \*494  
 Trofimova, T. M., 495  
 Trueman, G. E., \*186, \*301  
 Tsukahara, I., 193  
 Tu, W. H., 192  
 Tubiana, R., \*396  
 Turner, \*481  
 Turner Warwick, M., 489  
 Tuzi, T., \*198, \*383, \*387,  
     \*393, \*396  
 Tyeman, M., 309  
 Ultmann, J. E., 384  
 Unger, H.-H., 483  
 Urvoy, M., \*194, 499  
 Vacca, G., \*481  
 Vachtenheim, J., \*389  
 Vachrinos, E., \*183  
 Vahyanen, \*382  
 Vainio, K., \*500  
 Vajda, G., \*203  
 Valante, P., \*198  
 Valavaara, M., \*197  
 Valentini, R., \*93  
 Vallery-Radot, C., \*502  
 Vallotton, M. B., 390  
 Valtonen, E. J., \*191  
 Van Alten, \*391  
 Vandooren-Deflorenne, R.,  
     \*487  
 Van Hamme, J., \*202  
 Vanneuville, G., \*186 bis  
 Van Rossum, A. L., 491  
 Vanýsek, J., \*205  
 Várnai, G., \*383  
 Vas, M. R., \*199, 482  
 Vaughan, J. H., 96, \*97, \*483  
     bis  
 Vaughan, J. V., 495  
 Vauzelle, J. L., 482  
 Veall, N., 97  
 Veit, B. C., \*307  
 Verger, P., \*302, \*484  
 Verhaeghe, A., 84, \*304, 496  
 Verin, P., 394  
 Vértes, P., \*203  
 Verzutman, L., 204  
 Veys, E., \*382  
 Viara, M., \*83, \*395, \*492  
 Vignaud, J., \*186 bis  
 Vignon, G., 89, 482, \*484,  
     \*500  
 Vilar, \*391  
 Villa, G., \*387  
 Villani, P. H., \*386  
 Vinel, P., \*202  
 Virkkunen, M., \*97, 184  
 Vitulová, V., \*395, \*489  
 Vojtíšek, O., \*307, \*382  
 Volhard, J., \*304  
 Voog, R., \*389, \*395  
 Vrublovský, P., \*395  
 Vyhnanek, L., \*199  
 Vykydal, M., \*395  
 Waaler, E., \*389  
 Wackenheim, A., \*502  
 Wadlington, W. B., \*502  
 Wadman, B., 102  
 Wager, \*391  
 Wagner, H., \*494  
 Wagner, J. C., \*198  
 Wagner, P. H., \*183  
 Waksman, B. H., \*97  
 Waldenström, J., 501  
 Waldorf, D. S., 204, \*390  
 Walker, W. C., 183  
 Wallace, \*89  
 Wallace, S. L., 384  
 Waller, M., 197, \*307, \*391  
 Wallon, P., \*502  
 Walser, \*395  
 Walsh, H., 481  
 Waltz, T. A., 90  
 Ward, L. E., 94  
 Warrell, \*488  
 Warrell, D. W., 495  
 Watson, D., \*197  
 Waugh, \*500  
 Wawrzynska-Pagowska, J.,  
     \*382  
 Weaver, \*389  
 Weaver, J. A., 393  
 Webb, \*483  
 Wegelius, O., 482  
 Weill, \*186  
 Weill, D., \*500  
 Weinfeld, A., \*301  
 Weinman, \*84  
 Weiss, \*104  
 Weiss, L., 380  
 Weissman, \*384  
 Weissmann, G., \*198, \*483  
 Welc, E., \*82  
 Welfling, J., \*190  
 Wellinger, C., \*304  
 Wells, J. V., \*198  
 Welsh, \*197  
 Werdelin, O., 493  
 Werner, I., 102  
 Wesley, \*392  
 Wessel, G., \*483  
 West, H. F., 198, 482  
 Wettreich, W., \*396  
 Whaley, K., \*483  
 Wheliss, \*92  
 White, J. G., 490  
 White, N. S., \*502  
 Whitehouse, A. C., 487  
 Whitehouse, M. W., \*203  
 Whitman, M., \*396  
 Whittingham, S., 308  
 Wiener, J., 196  
 Wilber, \*91  
 Wiley, A. M., \*382  
 Wilkinson, M. C., \*384  
 Williams, R., 501  
 Williams, R. C., 496  
 Williamson, J., 202, 501  
 Williamson, N., 93  
 Willis, P. W., III, 187  
 Willkens, R. F., \*390  
 Willoughby, D. A., 195  
 Wilske, K. R., \*83  
 Wilson, \*391  
 Wilson, R. H., 303  
 Winell, N., 196  
 Winter, J. A., \*199  
 Wirth, W., \*494  
 Wisniewski, \*499  
 Wojciechowska, M., \*492  
 Wójcik-Scisłowska, M., \*382  
 Wolff, I., \*307  
 Wollheim, F. A., \*97  
 Wood, \*487  
 Wood, J. W., 82  
 Worledge, S. M., \*493  
 Wright, \*92, \*310  
 Wright, J. H., \*483  
 Wright, V., \*85  
 Wylie, J. H., Jr., \*483  
 Wynn, V., 99  
 Xavier de Brito, A. H., 183  
 Yanoff, M., \*310  
 Yates, P. O., \*387  
 Yenal, O., \*502  
 Yutaka, Uda, 82  
 Zaboloteanu, C., \*300  
 Zabriskie, \*391  
 Zachariae, L., 497  
 Zacharski, L. R., 500  
 Zahnd, G., 103  
 Zaki, S. A., \*197, \*198, 491

- |                      |                         |                        |                           |
|----------------------|-------------------------|------------------------|---------------------------|
| Zaniolo, W., 183     | Zielonka, E., *83       | Zimmerman, L. E., *310 | Zorzin, L., 92            |
| Zarebski, *499       | Zienkiewicz, T., *83    | Zipkin, *186           | Zucali, R., *389          |
| Zeitlhofer, J., *309 | Ziff, M., 85, *391, 489 | Žitňan, D., *391       | Zukowski, L., 191         |
| Zeman, F. D., 380    | Zilva, J. F., 485       | Zöllner, *189          | Zvaipler, N. J., 85, *395 |